

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**

Single Audit Reports and Schedule of Expenditures of Federal Awards

June 30, 2019

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**June 30, 2019**

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**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Expenditures of Federal Awards**  
**Year Ended June 30, 2019**

Federal Awarding Agency/Program Title	Federal CFDA 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	
DEPARTMENT OF AGRICULTURE										
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001					\$193,156	\$224,527	RESEARCH AND DEVELOPMENT	\$50,162,202	
			SOUTH DAKOTA STATE UNIVERSITY	3TF612						
			SOUTH DAKOTA STATE UNIVERSITY	3TM612						
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001		SOUTH DAKOTA STATE UNIVERSITY	3TP612	\$6,091	\$20,036	\$224,527	RESEARCH AND DEVELOPMENT	\$50,162,202	
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001		SOUTH DAKOTA STATE UNIVERSITY	3TQ612	\$7,980	\$11,335	\$224,527	N/A	\$0	
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025					\$256,884	\$256,884	RESEARCH AND DEVELOPMENT	\$50,162,202	
WILDLIFE SERVICES	10.028					\$5,656	\$5,656	RESEARCH AND DEVELOPMENT	\$50,162,202	
FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	10.156					\$14,247	\$14,247	RESEARCH AND DEVELOPMENT	\$50,162,202	
			WY DEPARTMENT OF AGRICULTURE	22916PD001						
			WY DEPARTMENT OF AGRICULTURE	04262017REV001						
			WY DEPARTMENT OF AGRICULTURE	04262017REV002						
			WY DEPARTMENT OF AGRICULTURE	16-SCBGP-WY-0023						
			WY DEPARTMENT OF AGRICULTURE	04052018REV002						
			WY DEPARTMENT OF AGRICULTURE	04162018REV002						
			WY DEPARTMENT OF AGRICULTURE	04162018REV005						
			WY DEPARTMENT OF AGRICULTURE	04162018REV006						
			WY DEPARTMENT OF AGRICULTURE	06262018REV002						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		WY DEPARTMENT OF AGRICULTURE	02282019ACS001		\$91,531	\$153,025	RESEARCH AND DEVELOPMENT	\$50,162,202	
			WY DEPARTMENT OF AGRICULTURE	6916PD002						
			WY DEPARTMENT OF AGRICULTURE	021616J02						
			WY DEPARTMENT OF AGRICULTURE	16-SCBGP-WY-0023						
			WY DEPARTMENT OF AGRICULTURE	02152018REV001						
			WY DEPARTMENT OF AGRICULTURE	04162018REV001						
			WY DEPARTMENT OF AGRICULTURE	04162018REV003						
			WY DEPARTMENT OF AGRICULTURE	04162018REV004						
			WY DEPARTMENT OF AGRICULTURE	04172018REV002		\$61,494	\$153,025	N/A	\$0	
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170					\$275,464	\$275,464	RESEARCH AND DEVELOPMENT	\$50,162,202	
COOPERATIVE FORESTRY RESEARCH	10.202									
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203					\$1,308,065	\$1,308,065	RESEARCH AND DEVELOPMENT	\$50,162,202	
ANIMAL HEALTH AND DISEASE RESEARCH	10.207					\$32,339	\$32,339	RESEARCH AND DEVELOPMENT	\$50,162,202	
			UTAH STATE UNIVERSITY	120833035						
			UTAH STATE UNIVERSITY	200592-441						
			UTAH STATE UNIVERSITY	201207-513						
			UTAH STATE UNIVERSITY	201207-544						
			UTAH STATE UNIVERSITY	201207-594		\$86,615	\$222,321	RESEARCH AND DEVELOPMENT	\$50,162,202	
			UTAH STATE UNIVERSITY	140867009-354						
			UTAH STATE UNIVERSITY	140867061-132						
			UTAH STATE UNIVERSITY	150893-00001-226						
			UTAH STATE UNIVERSITY	150893-00001-231						
			UTAH STATE UNIVERSITY	201207-486						
			UTAH STATE UNIVERSITY	200592-486		\$8,231	\$135,706	\$222,321	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215									
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250		UNIVERSITY OF DELAWARE	59-6000-4-0064		\$9,953	\$9,953	RESEARCH AND DEVELOPMENT	\$50,162,202	
INTEGRATED PROGRAMS	10.303		COLORADO STATE UNIVERSITY	G-13521-2		\$149	\$149	RESEARCH AND DEVELOPMENT	\$50,162,202	
HOMELAND SECURITY_AGRICULTURAL	10.304					\$88,348	\$96,960	RESEARCH AND DEVELOPMENT	\$50,162,202	
HOMELAND SECURITY_AGRICULTURAL	10.304		KANSAS STATE UNIVERISTY	517051		\$8,612	\$96,960	N/A	\$0	
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307					\$69,530	\$97,336	RESEARCH AND DEVELOPMENT	\$50,162,202	
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		UTAH STATE UNIVERSITY	14082301		\$27,806	\$97,336	RESEARCH AND DEVELOPMENT	\$50,162,202	

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**Year Ended June 30, 2019**

Federal Awarding Agency/Program Title	Federal CFDA 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
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		COLORADO STATE UNIVERSITY	G-91600-1		\$173,614	\$428,077	RESEARCH AND DEVELOPMENT	\$50,162,202
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		COLORADO STATE UNIVERSITY	136673		\$3,535	\$428,077	RESEARCH AND DEVELOPMENT	\$50,162,202
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		MONTANA STATE UNIVERSITY	G104-16-W5256	\$57,890	\$249,004	\$428,077	RESEARCH AND DEVELOPMENT	\$50,162,202
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE, KNOXVILLE	09252017REV001		\$1,924	\$428,077	N/A	\$0
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		MONTANA STATE UNIVERSITY	G205-17-W6336		\$94,467	\$219,878	RESEARCH AND DEVELOPMENT	\$50,162,202
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329					\$125,411	\$219,878	RESEARCH AND DEVELOPMENT	\$50,162,202
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330				\$72,781	\$142,948	\$142,948	RESEARCH AND DEVELOPMENT	\$50,162,202
CROP INSURANCE EDUCATION IN TARGETED STATES	10.458				\$114,964	\$239,555	\$239,555	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500				-\$11,665	\$1,187,379	\$1,307,980	RESEARCH AND DEVELOPMENT	\$50,162,202
COOPERATIVE EXTENSION SERVICE	10.500		UTAH STATE UNIVERSITY	130677012		\$1,544	\$1,307,980	RESEARCH AND DEVELOPMENT	\$50,162,202
COOPERATIVE EXTENSION SERVICE	10.500		KANSAS STATE UNIVERSITY	10312017				N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		KANSAS STATE UNIVERSITY	S19107		\$18,716	\$1,307,980	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500					\$100,341	\$1,307,980	N/A	\$0
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		WY DEPARTMENT OF FAMILY SERVICES	10072017J01		\$487,851	\$487,851	SNAP CLUSTER	\$487,851
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		WY DEPARTMENT OF FAMILY SERVICES	09122018REV003		\$1,142,121	\$1,142,121	RESEARCH AND DEVELOPMENT	\$50,162,202
FOREST HEALTH PROTECTION	10.680					\$2,798	\$2,798	RESEARCH AND DEVELOPMENT	\$50,162,202
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777					\$16,824	\$16,824	RESEARCH AND DEVELOPMENT	\$50,162,202
SOIL AND WATER CONSERVATION	10.902					\$271,476	\$286,476	RESEARCH AND DEVELOPMENT	\$50,162,202
SOIL AND WATER CONSERVATION	10.902					\$15,000	\$286,476	N/A	\$0
SOIL SURVEY	10.903					\$177,533	\$177,533	RESEARCH AND DEVELOPMENT	\$50,162,202
CONSERVATION STEWARDSHIP PROGRAM	10.924					\$34,875	\$34,875	N/A	\$0
SUSTAINABLE RANGELANDS ROUNDTABLE 2015	10.RD	15-CS-11132421-157				\$56,405	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
COMPARING THE UTILITY OF EDNA AND VISUAL ENCOUNTER SURVEYS FOR AMPHIBIAN MONITORING	10.RD	15-CS-11020603-015				\$7,858	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
SYNTHESIS AND MODELING OF CONIFER FOREST REGENERATION AFTER MOUNTAIN PINE BEETLE EPIDEMICS	10.RD	14-JV-1221634-103				\$80	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
FEN INVENTORY PROJECT	10.RD	15-CS-11021400-011				\$17,247	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
USFS THUNDER BASIN PRAIRIE DOG SITUATION ASSESSMENT	10.RD	15-CS-11020609-027				\$491	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
TRACING POLLUTION SOURCES AND POLLUTION HOTSPOTS WITH NITROGEN ISOTOPEs	10.RD	16-CS-11011100-002				\$267	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
RARE PLANT WORK ON THE BIGHORN NATIONAL FOREST 2016 AND 2017	10.RD	16-CS-11020200-026				-\$1,069	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
EXTENT OF YELLOWSTONE CUTTHROAT TROUT HYBRIDIZATION WITH RAINBOW TROUT IN THE NORTH FORK SHOSHONE RIVER	10.RD	17-CS-11021400-012				\$719	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
COLUMBIAN SHARP-TAILED GROUSE LIFE HISTORY AND HABITAT USE INVESTIGATIONS	10.RD	17-CS-11020600-013				\$9,598	\$91,596	RESEARCH AND DEVELOPMENT	\$50,162,202
USFS R2 DATA-WYOMING RARE SPECIES CONSERVATION PARTNERSHIP	10.U01	16-CS-11020000-049				\$10,912	\$10,912	N/A	\$0
INTEGRATED MONITORING IN BIRD CONSERVATION REGIONS IN WYOMING	10.U02	18-CS-11020000-035				\$20,330	\$20,330	N/A	\$0
PRIORITY SPECIES INVENTORY PROJECT	10.U03	15-CS-11020200-021				\$874	\$874	N/A	\$0
BROAD SCALE FLORISTIC INVENTORY OF THE CLEARWATER UNIT OF THE NEZ PERCE-CLEARWATER NATIONAL FOREST, IDAHO	10.U04	15-CS-11011700-048				\$72	\$72	N/A	\$0
BLACK HILLS FOREST ARCHAEOLOGICAL REPOSITORY CURATORIAL SERVICES	10.U05	16-CS-11020300-055				\$7,890	\$7,890	N/A	\$0
BIGHORN NATIONAL FOREST EAST TENSLEEP CREEK TRAIL CONSTRUCTION	10.U06	16-PA-11020200-009				\$64	\$64	N/A	\$0
REGIONAL LODGEPOLE PINE COMMUNITY STUDY	10.U07	17-CS-11020000-038				\$3,878	\$3,878	N/A	\$0
SHOSHONE NATIONAL FOREST: MIDDLE FORK STOCK BYPASS NEW TRAIL CONSTRUCTION PART II	10.U08	18-PA-11021400-004				\$17,198	\$17,198	N/A	\$0
BIGHORN CANYON EDELMAN TRAIL 025 REROUTE PROJECT	10.U09	18-PA-11020200-012				\$12,526	\$12,526	N/A	\$0
MEDICINE BOW NATIONAL FOREST: BRUSH CREEK/HAYDEN RANGER DISTRICT TRAIL MAINTENANCE	10.U10	18-PA-11020602-027				\$21,833	\$21,833	N/A	\$0
THE RUCKELSHAUS INSTITUTE: FACILITATION TRAINING SESSIONS TO BUILD COLLABORATIVE CAPACITY	10.U11	17-CS-11020000-060				\$3,806	\$3,806	N/A	\$0
CONTENT AND PRINTING OF WYOMING THISTLE FIELD GUIDE	10.U12	18-CS-11020000-027				\$2,493	\$2,493	N/A	\$0
BRIDGER TETON NATIONAL FOREST CAMPGROUND FENCING	10.U13	18-PA-11040303-071				\$12,285	\$12,285	N/A	\$0
MEDICINE BOW NATIONAL FOREST TRAIL MAINTENANCE AND REROUTES	10.U14	18-PA-11020600-045				\$6,470	\$6,470	N/A	\$0
SCIENCE SYNTHESIS OF DISEASE TRANSMISSION AND ITS IMPACT ON BIGHORN SHEEP POPULATIONS	10.U15	18-JV-11221635-181				\$4,305	\$4,305	N/A	\$0
MOVEMENTS AND SPACE-USE OF FERRUGINOUS HAWKS IN WYOMING OIL AND GAS FIELDS	10.U16	18-JV-11221635-189				\$8,000	\$8,000	N/A	\$0
SO AGR CURATORIAL SERVICES AND DATABASE UPGRADE	10.U17	18-CS-11020300-034				\$8,260	\$8,260	N/A	\$0
<b>TOTAL DEPARTMENT OF AGRICULTURE</b>						<b>\$256,272</b>	<b>\$7,416,634</b>		

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**Year Ended June 30, 2019**

Federal Awarding Agency/Program Title	Federal CFDA 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
<b>DEPARTMENT OF COMMERCE</b>									
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303					\$19,200	\$19,200	N/A	\$0
APPLIED METEOROLOGICAL RESEARCH	11.468					\$3,309	\$3,309	RESEARCH AND DEVELOPMENT	\$50,162,202
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH_COASTAL OCEAN PROGRAM	11.478				\$27,904	\$77,702	\$77,702	RESEARCH AND DEVELOPMENT	\$50,162,202
MANUFACTURING EXTENSION PARTNERSHIP	11.611					-\$47,938	-\$47,938	N/A	\$0
<b>TOTAL DEPARTMENT OF COMMERCE</b>					<u>\$27,904</u>	<u>\$52,273</u>			
<b>DEPARTMENT OF DEFENSE</b>									
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002					\$144,081	\$144,081	N/A	\$0
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$151,364	\$151,364	RESEARCH AND DEVELOPMENT	\$50,162,202
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		3M COMPANY (CANADA)	W81XWH-15-2-0048	-\$24,382	-\$9,613	-\$9,854	RESEARCH AND DEVELOPMENT	\$50,162,202
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					-\$241	-\$9,854	RESEARCH AND DEVELOPMENT	\$50,162,202
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630					\$104,375	\$113,352	RESEARCH AND DEVELOPMENT	\$50,162,202
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		NATIONAL SCIENCE TEACHERS ASSOCIATION	19-871-042		\$8,977	\$113,352	N/A	\$0
LANGUAGE GRANT PROGRAM	12.900					\$96,401	\$96,401	N/A	\$0
GENCYBER GRANTS PROGRAM	12.903					\$51,841	\$57,102	RESEARCH AND DEVELOPMENT	\$50,162,202
GENCYBER GRANTS PROGRAM	12.903					\$5,261	\$57,102	N/A	\$0
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910					\$11,244	\$11,244	RESEARCH AND DEVELOPMENT	\$50,162,202
SEED DISPERSAL NETWORKS AND NOVEL ECOSYSTEM FUNCTION IN HAWAII	12.RD	15-043	UNIVERSITY OF NEW HAMPSHIRE	15-043		\$26,687	\$26,687	RESEARCH AND DEVELOPMENT	\$50,162,202
<b>TOTAL DEPARTMENT OF DEFENSE</b>					<u>-\$24,382</u>	<u>\$590,377</u>			
<b>DEPARTMENT OF THE INTERIOR</b>									
AGRICULTURE ON INDIAN LANDS	15.034					\$141,521	\$141,521	RESEARCH AND DEVELOPMENT	\$50,162,202
CULTURAL RESOURCE MANAGEMENT	15.224					\$13,201	\$57,732	RESEARCH AND DEVELOPMENT	\$50,162,202
CULTURAL RESOURCE MANAGEMENT	15.224					\$44,531	\$57,732	N/A	\$0
WILD HORSE AND BURRO RESOURCE MANAGEMENT	15.229					\$235	\$235	RESEARCH AND DEVELOPMENT	\$50,162,202
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231					\$946,260	\$989,634	RESEARCH AND DEVELOPMENT	\$50,162,202
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231		WESTERN ASSOCIATION OF FISH AND WILDLIFE AGENCIES	SBSI-C-18-01		\$38,331	\$989,634	RESEARCH AND DEVELOPMENT	\$50,162,202
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231					\$5,043	\$989,634	N/A	\$0
WILDLAND FIRE RESEARCH AND STUDIES PROGRAM	15.232					-\$404	\$1,240	RESEARCH AND DEVELOPMENT	\$50,162,202
WILDLAND FIRE RESEARCH AND STUDIES PROGRAM	15.232		COLORADO STATE UNIVERSITY	G-09352-2		\$1,644	\$1,240	RESEARCH AND DEVELOPMENT	\$50,162,202
ENVIRONMENTAL QUALITY AND PROTECTION RESOURCE MANAGEMENT	15.236					-\$93	\$41,350	RESEARCH AND DEVELOPMENT	\$50,162,202
ENVIRONMENTAL QUALITY AND PROTECTION RESOURCE MANAGEMENT	15.236					\$41,443	\$41,350	N/A	\$0
RANGELAND RESOURCE MANAGEMENT	15.237					-\$324	\$21,995	RESEARCH AND DEVELOPMENT	\$50,162,202
RANGELAND RESOURCE MANAGEMENT	15.237					\$22,319	\$21,995	N/A	\$0
CHALLENGE COST SHARE	15.238					\$21,213	\$21,213	RESEARCH AND DEVELOPMENT	\$50,162,202
FISHERIES AND AQUATIC RESOURCES MANAGEMENT	15.244		WY STATE PARKS AND CULTURAL RESOURCES	01132017J01		\$65,200	\$65,200	N/A	\$0
ABANDONED MINE LAND RECLAMATION (AMLR) PROGRAM	15.252		WY DEPARTMENT OF ENVIRONMENTAL QUALITY	061712SA7		\$149,130	\$811,921	RESEARCH AND DEVELOPMENT	\$50,162,202
ABANDONED MINE LAND RECLAMATION (AMLR) PROGRAM	15.252		WY DEPARTMENT OF ENVIRONMENTAL QUALITY	092211SA1		\$662,791	\$811,921	N/A	\$0
ABANDONED MINE LAND RECLAMATION (AMLR) PROGRAM	15.252		WY DEPARTMENT OF ENVIRONMENTAL QUALITY	61416PD001		\$56,235	\$56,235	RESEARCH AND DEVELOPMENT	\$50,162,202
WATER DESALINATION RESEARCH AND DEVELOPMENT PROGRAM	15.506					\$12,237	\$12,237	RESEARCH AND DEVELOPMENT	\$50,162,202
CULTURAL RESOURCES MANAGEMENT	15.511								
SPORT FISH RESTORATION PROGRAM	15.605		WY GAME AND FISH DEPARTMENT	2246					
SPORT FISH RESTORATION PROGRAM	15.605		WY GAME AND FISH DEPARTMENT	2823					
SPORT FISH RESTORATION PROGRAM	15.605		WY GAME AND FISH DEPARTMENT	2633		\$119,544	\$119,478	RESEARCH AND DEVELOPMENT	\$50,162,202
SPORT FISH RESTORATION PROGRAM	15.605		WY GAME AND FISH DEPARTMENT	2247		-\$66	\$119,478	FISH AND WILDLIFE CLUSTER	\$39,441
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608		UNIVERSITY OF NEVADA - RENO	UNR-17-45		-\$2,773	\$127,419	RESEARCH AND DEVELOPMENT	\$50,162,202
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608					\$117,800	\$127,419	RESEARCH AND DEVELOPMENT	\$50,162,202
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608		WY GAME AND FISH DEPARTMENT	2238		\$6,846	\$127,419	N/A	\$0

The accompanying notes are an integral part of this Schedule.

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			WY GAME AND FISH DEPARTMENT	2066					
			WY GAME AND FISH DEPARTMENT	2067					
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		WY GAME AND FISH DEPARTMENT	2364		\$78,989	\$724,951	RESEARCH AND DEVELOPMENT	\$50,162,202
			WY GAME AND FISH DEPARTMENT	2581					
			WY GAME AND FISH DEPARTMENT	2595					
			WY GAME AND FISH DEPARTMENT	2632					
			WY GAME AND FISH DEPARTMENT	2641					
			WY GAME AND FISH DEPARTMENT	2830					
			WY GAME AND FISH DEPARTMENT	2854					
			WY GAME AND FISH DEPARTMENT	2865					
			WY GAME AND FISH DEPARTMENT	2915					
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		WY GAME AND FISH DEPARTMENT	2972		\$606,455	\$724,951	RESEARCH AND DEVELOPMENT	\$50,162,202
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	P1580002		\$22,611	\$724,951	FISH AND WILDLIFE CLUSTER	\$39,441
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		WY GAME AND FISH DEPARTMENT	2821		\$16,896	\$724,951	FISH AND WILDLIFE CLUSTER	\$39,441
WILDLIFE CONSERVATION AND RESTORATION	15.625		WY GAME AND FISH DEPARTMENT	2525		\$24,694	\$24,694	N/A	\$0
			WY GAME AND FISH DEPARTMENT	2266					
			WY GAME AND FISH DEPARTMENT	2267					
STATE WILDLIFE GRANTS	15.634		WY GAME AND FISH DEPARTMENT	2265		\$7,960	\$574,033	RESEARCH AND DEVELOPMENT	\$50,162,202
			WY GAME AND FISH DEPARTMENT	2479					
			WY GAME AND FISH DEPARTMENT	2445					
			WY GAME AND FISH DEPARTMENT	2629					
			WY GAME AND FISH DEPARTMENT	2630					
			WY GAME AND FISH DEPARTMENT	2653					
			WY GAME AND FISH DEPARTMENT	2759					
			WY GAME AND FISH DEPARTMENT	2826					
			WY GAME AND FISH DEPARTMENT	2827					
STATE WILDLIFE GRANTS	15.634		WY GAME AND FISH DEPARTMENT	2899		\$527,148	\$574,033	RESEARCH AND DEVELOPMENT	\$50,162,202
STATE WILDLIFE GRANTS	15.634		NEW MEXICO DEPARTMENT OF GAME AND FISH	51600-0000063733		\$5,565	\$574,033	N/A	\$0
			WY GAME AND FISH DEPARTMENT	1004106					
			WY GAME AND FISH DEPARTMENT	2905					
STATE WILDLIFE GRANTS	15.634		WY GAME AND FISH DEPARTMENT	075C0406674		\$33,360	\$574,033	N/A	\$0
SERVICE TRAINING AND TECHNICAL ASSISTANCE (GENERIC TRAINING)	15.649					\$2,928	\$2,928	N/A	\$0
MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION	15.655					\$12,696	\$12,696	N/A	\$0
ADAPTIVE SCIENCE	15.670					\$21,925	\$24,355	RESEARCH AND DEVELOPMENT	\$50,162,202
ADAPTIVE SCIENCE	15.670		WESTERN ASSOCIATION OF FISH AND WILDLIFE AGENCIES	SBSI-C-17-06		\$2,430	\$24,355	RESEARCH AND DEVELOPMENT	\$50,162,202
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678					\$12,478	\$12,478	RESEARCH AND DEVELOPMENT	\$50,162,202
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805				\$20,947	\$114,404	\$114,404	RESEARCH AND DEVELOPMENT	\$50,162,202
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808					\$105,459	\$105,459	RESEARCH AND DEVELOPMENT	\$50,162,202
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810					\$1,184	\$1,119	RESEARCH AND DEVELOPMENT	\$50,162,202
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810		WY STATE GEOLOGICAL SURVEY	11282017REV001		-\$65	\$1,119	N/A	\$0
COOPERATIVE RESEARCH UNITS PROGRAM	15.812					\$344,534	\$344,534	RESEARCH AND DEVELOPMENT	\$50,162,202

The accompanying notes are an integral part of this Schedule.

**University of Wyoming  
(A Component Unit of the State of Wyoming)  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2019**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned By Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
NATIONAL LAND REMOTE SENSING_ EDUCATION OUTREACH AND RESEARCH	15.815		AMERICA VIEW, INC	AV18-WY-01		\$13,151	\$13,151	N/A	\$0
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$22,529	\$328,477	\$345,392	RESEARCH AND DEVELOPMENT	\$50,162,202
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$16,915	\$345,392	N/A	\$0
POTENTIAL POPULATION SIZE OF SIERRA NEVADA BIGHORN SHEEP	15.RD	P1560014	CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	P1560014		\$100,304	\$100,181	RESEARCH AND DEVELOPMENT	\$50,162,202
DEVELOPING AN INVENTORY AND MONITORING FRAMEWORK OF HEBCACEOUS RIPARIAN WETLANDS	15.RD	L16PX01385				-\$123	\$100,181	RESEARCH AND DEVELOPMENT	\$50,162,202
SOCIOECONOMIC REPORTS FOR BLM CASPER FIELD OFFICE AND BLM ARIZONA COLORADO RIVER DISTRICT	15.U01	L14PX01859				-\$2,169	-\$2,169	N/A	\$0
<b>TOTAL DEPARTMENT OF THE INTERIOR</b>						<u>\$43,476</u>	<u>\$4,865,616</u>		
<b>DEPARTMENT OF JUSTICE</b>									
STATE JUSTICE STATISTICS PROGRAM FOR STATISTICAL ANALYSIS CENTERS	16.550					\$33,409	\$33,409	N/A	\$0
<b>TOTAL DEPARTMENT OF JUSTICE</b>						<u>\$33,409</u>			
<b>DEPARTMENT OF STATE</b>									
ACADEMIC EXCHANGE PROGRAMS - GRADUATE STUDENTS	19.400		AMERICA-MIDEAST EDUCATIONAL AND TRAINING SERVICES, INC.	20320-19		\$5,668	\$5,668	N/A	\$0
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415		BALL STATE UNIVERSITY	05182018REV001		\$5,490	\$5,490	N/A	\$0
<b>TOTAL DEPARTMENT OF STATE</b>						<u>\$11,158</u>			
<b>DEPARTMENT OF TRANSPORTATION</b>									
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		WY DEPARTMENT OF TRANSPORTATION	091916JJ03		\$112,550	\$112,550	RESEARCH AND DEVELOPMENT	\$50,162,202
			WY DEPARTMENT OF TRANSPORTATION	091916JJ02					
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION	RS07216					
			WY DEPARTMENT OF TRANSPORTATION	RS06216					
			WY DEPARTMENT OF TRANSPORTATION	RS08216					
			WY DEPARTMENT OF TRANSPORTATION	RS02217					
			WY DEPARTMENT OF TRANSPORTATION	LTAP0217					
			WY DEPARTMENT OF TRANSPORTATION	RS01217					
			WY DEPARTMENT OF TRANSPORTATION	RS03217					
			WY DEPARTMENT OF TRANSPORTATION	RS06217					
			WY DEPARTMENT OF TRANSPORTATION	RS09217					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		WY DEPARTMENT OF TRANSPORTATION	RS08217		\$392,168	\$1,104,171	RESEARCH AND DEVELOPMENT	\$50,162,202

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Federal Awarding Agency/Program Title	Federal CFDA 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
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION	RS02218					
			WY DEPARTMENT OF TRANSPORTATION	RS06218					
			WY DEPARTMENT OF TRANSPORTATION	RS03218					
			WY DEPARTMENT OF TRANSPORTATION	RS08218					
			WY DEPARTMENT OF TRANSPORTATION	RS09218					
			WY DEPARTMENT OF TRANSPORTATION	RS02219					
			WY DEPARTMENT OF TRANSPORTATION	RS03219					
			WY DEPARTMENT OF TRANSPORTATION	LTAP0219					
			WY DEPARTMENT OF TRANSPORTATION	RS01219					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		WY DEPARTMENT OF TRANSPORTATION	RS05219		\$322,720	\$1,104,171	RESEARCH AND DEVELOPMENT	\$50,162,202
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION						
			WY DEPARTMENT OF TRANSPORTATION	RS05214					
			WY DEPARTMENT OF TRANSPORTATION	HRRR018					
			WY DEPARTMENT OF TRANSPORTATION	01032018REV001					
			WY DEPARTMENT OF TRANSPORTATION	LTAP0218					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		WY DEPARTMENT OF TRANSPORTATION	RS04218		\$389,283	\$1,104,171	HIGHWAY PLANNING AND CONSTRUCTION CLUSTER	\$389,283
HIGHWAY TRAINING AND EDUCATION	20.215		WY DEPARTMENT OF TRANSPORTATION	HRRR019		\$21,658	\$21,658	RESEARCH AND DEVELOPMENT	\$50,162,202
			WY DEPARTMENT OF TRANSPORTATION						
FORMULA GRANTS FOR RURAL AREAS	20.509		WY DEPARTMENT OF TRANSPORTATION	5311-18-TA-02		\$1,350,185	\$1,350,185	N/A	\$0
			WY DEPARTMENT OF TRANSPORTATION	5311-19-FTA-02					
			WY DEPARTMENT OF TRANSPORTATION						
STATE PLANNING AND RESEARCH	20.515		WY DEPARTMENT OF TRANSPORTATION	5304-18-FTA-63		\$138,274	\$138,274	N/A	\$0
			WY DEPARTMENT OF TRANSPORTATION	112108UW3					
			WY ASSOCIATION OF SHERIFFS AND CHIEFS OF POLICE						
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		WY ASSOCIATION OF SHERIFFS AND CHIEFS OF POLICE	11292017REV002		\$5,976	\$5,976	HIGHWAY SAFETY CLUSTER	\$5,976
			WY ASSOCIATION OF SHERIFFS AND CHIEFS OF POLICE	DUI - 405D - 20.616					
			NORTH DAKOTA STATE UNIVERSITY	DTRT113-G-UTC38					
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		NORTH DAKOTA STATE UNIVERSITY	FAR0023136		\$166,022	\$166,022	RESEARCH AND DEVELOPMENT	\$50,162,202
INTERAGENCY HAZARDOUS MATERIALS PUBLIC SECTOR TRAINING AND PLANNING GRANTS	20.703		WY OFFICE OF HOMELAND SECURITY	HM-HMP-0562-16-01-00		\$28,846	\$37,055	RESEARCH AND DEVELOPMENT	\$50,162,202
INTERAGENCY HAZARDOUS MATERIALS PUBLIC SECTOR TRAINING AND PLANNING GRANTS	20.703		WY OFFICE OF HOMELAND SECURITY	HM-HMP-0562-16-01-00		\$8,209	\$37,055	N/A	\$0
<b>TOTAL DEPARTMENT OF TRANSPORTATION</b>						<b>\$2,935,891</b>			
<b>NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</b>									
			JET PROPULSION LABORATORY	1536285					
SCIENCE	43.001		JET PROPULSION LABORATORY	1607989		\$108,132	\$861,653	RESEARCH AND DEVELOPMENT	\$50,162,202
			JET PROPULSION LABORATORY		\$24,050	\$668,516	\$861,653	RESEARCH AND DEVELOPMENT	\$50,162,202
SCIENCE	43.001		PLANETARY SCIENCE INSTITUTE	1443		\$19,625	\$861,653	RESEARCH AND DEVELOPMENT	\$50,162,202
			SMITHSONIAN ASTROPHYSICAL OBSERVATORY	G09-20107X		\$2,800	\$861,653	RESEARCH AND DEVELOPMENT	\$50,162,202
SCIENCE	43.001		UNIVERSITY OF COLORADO, BOULDER	1554876		\$37,582	\$861,653	RESEARCH AND DEVELOPMENT	\$50,162,202
			PACIFIC SCIENCE CENTER FOUNDATION	2018-1048E		\$24,998	\$861,653	N/A	\$0
			INSTITUTE OF MUSEUM & LIBRARY SERVICES	A18-0139-S003		\$358,613	\$639,722	RESEARCH AND DEVELOPMENT	\$50,162,202
AERONAUTICS	43.002					\$136,479	\$639,722	RESEARCH AND DEVELOPMENT	\$50,162,202
AERONAUTICS	43.002					\$281,109	\$639,722	RESEARCH AND DEVELOPMENT	\$50,162,202
EDUCATION	43.008					\$384,830	\$1,227,974	RESEARCH AND DEVELOPMENT	\$50,162,202

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**University of Wyoming**  
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Federal Awarding Agency/Program Title	Federal CFDA 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
EDUCATION	43.008					\$843,144	\$1,227,974	N/A	\$0
GEOGRAPHICALLY DISTRIBUTED CITIZEN SCIENTIST TRAINING FOR THE 2017 CITIZEN CATE EXPERIMENT	43.RD	N67286C-N	ASSOCIATION OF UNIVERSITIES FOR RESEARCH AND ASTRONOMY	N67286C-N		\$197	\$28,931	RESEARCH AND DEVELOPMENT	\$50,162,202
UNVEILING HIDDEN BLACK HOLES IN THE COSMIC WEB: DARK MATTER HALOS OF WISE QUASARS FROM PLANCK CMB LENSING	43.RD	R920	DARTMOUTH COLLEGE	R920		\$15,358	\$28,931	RESEARCH AND DEVELOPMENT	\$50,162,202
THE YOUNG STAR GROUPS IN DWARF GALAXIES	43.RD	HST-AR-14285.002-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-14285.002-A		\$13,376	\$28,931	RESEARCH AND DEVELOPMENT	\$50,162,202
<b>TOTAL NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</b>					<u>\$160,529</u>	<u>\$2,758,280</u>			
<b>INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES</b>									
PROMOTION OF THE ARTS, PARTNERSHIP AGREEMENTS	45.025		WY ARTS COUNCIL	10102017REV001		\$16,793	\$16,793	N/A	\$0
PROMOTION OF THE HUMANITIES, CHALLENGE GRANTS	45.130		WY ARTS COUNCIL	11132017REV001		\$7,931	\$7,931	RESEARCH AND DEVELOPMENT	\$50,162,202
<b>TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES</b>							<u>\$24,724</u>		
<b>NATIONAL SCIENCE FOUNDATION</b>									
ENGINEERING GRANTS	47.041		UNIVERSITY OF COLORADO	PO 1001022908		\$4,452	\$1,525,863	RESEARCH AND DEVELOPMENT	\$50,162,202
ENGINEERING GRANTS	47.041		UNIVERSITY OF COLORADO	PO 1000902001	\$35,696	\$1,470,186	\$1,525,863	RESEARCH AND DEVELOPMENT	\$50,162,202
ENGINEERING GRANTS	47.041		UNIVERSITY OF UTAH	10040381-UW		\$51,225	\$1,525,863	RESEARCH AND DEVELOPMENT	\$50,162,202
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		CARNEGIE MELLON UNIVERSITY	1122454-373099		\$25,592	\$1,020,388	RESEARCH AND DEVELOPMENT	\$50,162,202
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		NATIONAL RADIO ASTRONOMY OBSERVATORY	12152017REV001		\$9,873	\$1,020,388	RESEARCH AND DEVELOPMENT	\$50,162,202
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$984,923	\$1,020,388	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		UNIVERSITY OF CALIFORNIA	F100GRA293/EAR-1331939-UWYO		\$27,906	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		COLUMBIA UNIVERSITY	25(GG00393)		\$21,251	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		CUAHSI	1338606-09		\$30,983	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		INCORPORATED RESEARCH INSTITUTIONS FOR SEISMOLOGY (IRIS)	SU-19-1001-00-UWY		\$15,634	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		JOHN HOPKINS UNIVERSITY	2003371899		\$12,881	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		NATIONAL CENTER FOR ATMOSPHERIC RESEARCH	Z15-16886		\$90,627	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050				\$21,302	\$3,990,066	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOSCIENCES	47.050		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	091955-17276		\$17,575	\$4,206,923	RESEARCH AND DEVELOPMENT	\$50,162,202
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		CARNEGIE MELLON UNIVERSITY	1122007-370694		\$6,273	\$406,467	RESEARCH AND DEVELOPMENT	\$50,162,202
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$400,194	\$406,467	RESEARCH AND DEVELOPMENT	\$50,162,202
BIOLOGICAL SCIENCES	47.074		COLD SPRING HARBOR LABORATORY	920728-SV / 52160113 / 213 / 413		\$43,934	\$2,265,587	RESEARCH AND DEVELOPMENT	\$50,162,202
BIOLOGICAL SCIENCES	47.074				\$470,556	\$2,221,575	\$2,265,587	RESEARCH AND DEVELOPMENT	\$50,162,202
BIOLOGICAL SCIENCES	47.074		TERESA TIBBETTS	082905UW1		\$78	\$2,265,587	RESEARCH AND DEVELOPMENT	\$50,162,202
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		ESAL LLC	11012017REV002		\$28,651	\$179,548	RESEARCH AND DEVELOPMENT	\$50,162,202
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$150,897	\$179,548	RESEARCH AND DEVELOPMENT	\$50,162,202
EDUCATION AND HUMAN RESOURCES	47.076		COLORADO STATE UNIVERSITY	G-46373-13		\$25,414	\$1,528,742	RESEARCH AND DEVELOPMENT	\$50,162,202
EDUCATION AND HUMAN RESOURCES	47.076				\$112,297	\$1,283,378	\$1,528,742	RESEARCH AND DEVELOPMENT	\$50,162,202
EDUCATION AND HUMAN RESOURCES	47.076		SAN FRANCISCO STATE UNIVERSITY	S18-0005		\$32,766	\$1,528,742	RESEARCH AND DEVELOPMENT	\$50,162,202
EDUCATION AND HUMAN RESOURCES	47.076		TEMPLE UNIVERSITY	259858-UWY		\$187,184	\$1,528,742	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079					-\$3,192	\$1,528,742	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF INTEGRATIVE ACTIVITIES	47.083		BOISE STATE UNIVERSITY	8220-PO126529		\$46,453	\$4,176,777	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF INTEGRATIVE ACTIVITIES	47.083		JACKSON STATE UNIVERSITY	2016-633196UM		\$443,221	\$4,176,777	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF INTEGRATIVE ACTIVITIES	47.083		MONTANA STATE UNIVERSITY	G138-17-W6274		\$485,187	\$4,176,777	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF INTEGRATIVE ACTIVITIES	47.083				\$202,773	\$3,076,857	\$4,176,777	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF INTEGRATIVE ACTIVITIES	47.083		NORTH DAKOTA STATE UNIVERSITY	FAR0030276		\$125,059	\$4,176,777	RESEARCH AND DEVELOPMENT	\$50,162,202
<b>TOTAL NATIONAL SCIENCE FOUNDATION</b>					<u>\$842,624</u>	<u>\$15,307,103</u>			
<b>SMALL BUSINESS ADMINISTRATION</b>									
SMALL BUSINESS DEVELOPMENT CENTERS	59.037					\$595,480	\$595,480	N/A	\$0
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058					\$88,347	\$88,347	N/A	\$0

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<b>TOTAL SMALL BUSINESS ADMINISTRATION</b>							<u>\$683,827</u>		
<b>DEPARTMENT OF VETERANS AFFAIRS</b>									
VA ASSISTANCE TO UNITED STATES PARALYMPIC INTEGRATED ADAPTIVE SPORTS PROGRAM	64.034		ALBANY COUNTY ALBANY COUNTY	12062016REV001 11132018ABW001	\$26,191	\$35,175	\$35,175	N/A	\$0
<b>TOTAL DEPARTMENT OF VETERANS AFFAIRS</b>						<u>\$26,191</u>	<u>\$35,175</u>		
<b>ENVIRONMENTAL PROTECTION AGENCY</b>									
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461					\$87,724	\$101,494	RESEARCH AND DEVELOPMENT	\$50,162,202
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461					\$13,770	\$101,494	N/A	\$0
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509					\$53,627	\$53,627	RESEARCH AND DEVELOPMENT	\$50,162,202
CONSOLIDATED PESTICIDE ENFORCEMENT COOPERATIVE AGREEMENTS RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, TRAINING, DEMONSTRATIONS, AND STUDIES	66.700 66.716		EXTENSION FOUNDATION EXTENSION FOUNDATION	SA-2017-30 SA-2019-28		\$2,800 \$31,383	\$2,800 \$31,383	RESEARCH AND DEVELOPMENT N/A	\$50,162,202 \$0
<b>TOTAL ENVIRONMENTAL PROTECTION AGENCY</b>							<u>\$189,304</u>		
<b>DEPARTMENT OF ENERGY</b>									
STATE ENERGY PROGRAM	81.041		WY BUSINESS COUNCIL	188245		\$3,930	\$3,930	N/A	\$0
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ALPENGLOW INSTRUMENTS LLC	04242019ACS002		\$72,272	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$87,620	\$1,852,036	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		KANSAS STATE UNIVERSITY	519174		\$910	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		STANFORD UNIVERSITY	61975355-135443		\$167,215	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		STATE UNIVERSITY OF NEW YORK	16-22		\$47,262	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF UTAH	10049491-WY		\$89,968	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF WASHINGTON, SEATTLE	UWSC10123		\$26,949	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT-BATTELLE LLC	4000145385		\$33,540	\$2,290,152	RESEARCH AND DEVELOPMENT	\$50,162,202
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		WESTERN RESEARCH INSTITUTE	UW17-10G663		\$48,706	\$48,706	RESEARCH AND DEVELOPMENT	\$50,162,202
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087				\$34,944	\$50,319	\$537,072	RESEARCH AND DEVELOPMENT	\$50,162,202
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		WEST VIRGINIA UNIVERSITY	10-733-UW-2		\$486,753	\$537,072	RESEARCH AND DEVELOPMENT	\$50,162,202
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		BATTELLE ENERGY ALLIANCE	202612		\$84,462	\$5,854,327	RESEARCH AND DEVELOPMENT	\$50,162,202
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		PENNSYLVANIA STATE UNIVERSITY	5526-UW-DOE-6825	\$3,986,601	\$5,411,462	\$5,854,327	RESEARCH AND DEVELOPMENT	\$50,162,202
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		SOUTHERN STATES ENERGY BOARD	SSEB-ECO25-940-UWY-2017-001		\$357,512	\$5,854,327	RESEARCH AND DEVELOPMENT	\$50,162,202
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		BATTELLE ENERGY ALLIANCE	157819		-\$2,640	-\$2,640	N/A	\$0
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY WILDFIRES AND REGIONAL CLIMATE VARIABILITY, MECHANISMS, MODELING AND PREDICTION 1	81.RD	381977	UNIVERSITY OF COLORADO BATTELLE MEMORIAL INSTITUTE - PACIFIC NORTHWEST DIVISION	1553524 381977		\$69,552 \$60,465	\$69,552 \$144,791	RESEARCH AND DEVELOPMENT	\$50,162,202 \$50,162,202
MEASUREMENT-BASED STABILITY ASSESSMENT--REAL TIME MEASUREMENT UNITS	81.RD	7248680	LAWRENCE BERKELEY NATIONAL LABORATORY	7248680		\$753	\$144,791	RESEARCH AND DEVELOPMENT	\$50,162,202
QUALITY ASSURANCE AND DATA REDUCTION FOR THE BEIJING-ARIZONA SKY SURVEY (BASS)	81.RD	7283082	LAWRENCE BERKELEY NATIONAL LABORATORY	7283082		\$81,345	\$144,791	RESEARCH AND DEVELOPMENT	\$50,162,202
GEOPHYSICAL LOGGING OF LBL EAST RIVER BOREHOLES NEAR CRESTED BUTTE, CO	81.RD	7434120	LAWRENCE BERKELEY NATIONAL LABORATORY	7434120		\$2,228	\$144,791	RESEARCH AND DEVELOPMENT	\$50,162,202
<b>TOTAL DEPARTMENT OF ENERGY</b>						<u>\$4,109,165</u>	<u>\$8,945,890</u>		
<b>DEPARTMENT OF EDUCATION</b>									
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS SPECIAL EDUCATION, GRANTS TO STATES	84.007 84.027					\$449,858 \$14,058	\$449,858 \$14,058	STUDENT FINANCIAL ASSISTANCE RESEARCH AND DEVELOPMENT	\$55,283,724 \$50,162,202
FEDERAL WORK-STUDY PROGRAM	84.033		WY DEPARTMENT OF EDUCATION	07142017REV001		\$439,034	\$439,034	STUDENT FINANCIAL ASSISTANCE	\$55,283,724
FEDERAL PERKINS LOAN PROGRAM	84.038					\$5,530,910	\$5,530,910	STUDENT FINANCIAL ASSISTANCE	\$55,283,724
TRIO_STUDENT SUPPORT SERVICES	84.042	A				\$403,010	\$403,010	TRIO CLUSTER	\$2,295,399
TRIO_UPWARD BOUND	84.047	A				\$520,721	\$838,197	TRIO CLUSTER	\$2,295,399
TRIO_UPWARD BOUND	84.047	M				\$317,476	\$838,197	TRIO CLUSTER	\$2,295,399
FEDERAL PELL GRANT PROGRAM	84.063					\$10,197,740	\$10,197,740	STUDENT FINANCIAL ASSISTANCE	\$55,283,724
TRIO_EDUCATIONAL OPPORTUNITY CENTERS	84.066					\$635,552	\$721,763	TRIO CLUSTER	\$2,295,399
TRIO_EDUCATIONAL OPPORTUNITY CENTERS	84.066	A				\$86,211	\$721,763	TRIO CLUSTER	\$2,295,399
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217	A				\$332,429	\$332,429	TRIO CLUSTER	\$2,295,399
FEDERAL DIRECT STUDENT LOANS	84.268					\$38,649,324	\$38,649,324	STUDENT FINANCIAL ASSISTANCE	\$55,283,724
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF KANSAS	FY2019-006		\$28,587	\$28,587	RESEARCH AND DEVELOPMENT	\$50,162,202
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	84.334	S				\$2,479,579	\$3,507,521	N/A	\$0

The accompanying notes are an integral part of this Schedule.

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Expenditures of Federal Awards**  
**Year Ended June 30, 2019**

Federal Awarding Agency/Program Title	Federal CFDA 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
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	B	WY DEPARTMENT OF EDUCATION	1601506MSPA2					
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	D	WY DEPARTMENT OF EDUCATION	17015017MSPP0A1	\$49,199	\$458,938	\$458,938	N/A	\$0
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	D	CENTER FOR CIVIC EDUCATION	126726		\$20,612	\$22,693	N/A	\$0
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	D	NATIONAL WRITING PROJECT	92-WY01-SEED2017-1U		\$2,081	\$22,693	N/A	\$0
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379					\$16,858	\$16,858	STUDENT FINANCIAL ASSISTANCE	\$55,283,724
<b>TOTAL DEPARTMENT OF EDUCATION</b>					<b>\$2,528,778</b>	<b>\$61,610,920</b>			
<b>NATIONAL ARCHIVES &amp; RECORDS ADMINISTRATION</b>									
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003		WY STATE PARKS AND CULTURAL RESOURCES	08282018REV002		\$1,240	\$1,240	N/A	\$0
NORTH DAKOTA CARBON CAPTURE AND EOR ECONOMIC IMPACT STUDY	89.RD	09132018REV001	UNIVERSITY OF NORTH DAKOTA	09132018REV001		\$23,796	\$23,796	RESEARCH AND DEVELOPMENT	\$50,162,202
<b>TOTAL NATIONAL ARCHIVES &amp; RECORDS ADMINISTRATION</b>						<b>\$25,036</b>			
<b>DEPARTMENT OF HEALTH AND HUMAN SERVICES</b>									
SPECIAL PROGRAMS FOR THE AGING_TITLE III, PART D_DISEASE PREVENTION AND HEALTH PROMOTION SERVICES	93.043		WY DEPARTMENT OF HEALTH	DD-2018-01		\$22,557	\$22,557	N/A	\$0
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092		WY DEPARTMENT OF HEALTH	131895		-\$31,294	-\$31,294	N/A	\$0
CONSOLIDATED HEALTH CENTERS (COMMUNITY HEALTH CENTERS, MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE)	93.224					\$777,608	\$777,608	HEALTH CENTER PROGRAM CLUSTER	\$777,608
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STATE OF OREGON	132917	\$125,345	\$327,850	\$349,011	RESEARCH AND DEVELOPMENT	\$50,162,202
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243					\$21,161	\$349,011	N/A	\$0
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		COLORADO STATE UNIVERSITY	G-61102-01		\$10,499	\$21,303	RESEARCH AND DEVELOPMENT	\$50,162,202
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		COLORADO STATE UNIVERSITY	G-61104-01			\$21,303	RESEARCH AND DEVELOPMENT	\$50,162,202
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		UNIVERSITY OF COLORADO, DENVER	FY19.347.003		\$7,287	\$21,303	RESEARCH AND DEVELOPMENT	\$50,162,202
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		COLORADO STATE UNIVERSITY	G-51101-2		\$3,517	\$21,303	N/A	\$0
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		GEORGE MASON UNIVERSITY	08282018REV001		\$31,081	\$286,813	RESEARCH AND DEVELOPMENT	\$50,162,202
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		REGENTS OF THE UNIVERSITY OF MICHIGAN	SUBK0007305		\$61,877	\$286,813	RESEARCH AND DEVELOPMENT	\$50,162,202
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		WASHINGTON STATE UNIVERSITY	1R01DA040965		\$193,855	\$286,813	RESEARCH AND DEVELOPMENT	\$50,162,202
RESEARCH INFRASTRUCTURE PROGRAMS	93.351					\$7,784	\$7,784	RESEARCH AND DEVELOPMENT	\$50,162,202
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359					\$3,031	\$3,031	RESEARCH AND DEVELOPMENT	\$50,162,202
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		NORTH DAKOTA DEPARTMENT OF HEALTH	4531 HLH 3969		\$32,888	\$32,888	N/A	\$0
ACL ASSISTIVE TECHNOLOGY	93.464					\$321,230	\$321,230	N/A	\$0
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504				\$5,000	\$67,712	\$67,712	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		WY GOVERNOR'S COUNCIL ON DEVELOPMENTAL DISABILITIES	12062018ACSO01		\$20,924	\$20,924	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632					\$608,393	\$608,393	N/A	\$0
EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIES THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION PROGRAMS D FINANCED BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.734		WY DEPARTMENT OF HEALTH	189436		\$33,599	\$33,599	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		WY DEPARTMENT OF HEALTH	05022018REV004		\$28,174	\$28,174	N/A	\$0
MEDICAL ASSISTANCE PROGRAM	93.778		WY DEPARTMENT OF HEALTH	031516J01		\$1,487	\$327,793	RESEARCH AND DEVELOPMENT	\$50,162,202
MEDICAL ASSISTANCE PROGRAM	93.778		WY DEPARTMENT OF HEALTH	06262018REV001		\$326,306	\$327,793	MEDICAID CLUSTER	\$326,306
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		MOUNTAIN-PACIFIC QUALITY HEALTH FOUNDATION	HHSM-500-2014-QIN0091		\$64,143	\$64,143	N/A	\$0
OPIOID STR	93.788		WY DEPARTMENT OF HEALTH	189093		\$9,531	\$9,531	N/A	\$0
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$223,235	\$587,869	\$587,869	RESEARCH AND DEVELOPMENT	\$50,162,202
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		AUGUSTA UNIVERSITY	32307-30		\$23,715	\$68,115	RESEARCH AND DEVELOPMENT	\$50,162,202
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		ION CHANNEL PHARMACOLOGY	02142019ACSO01		\$17,556	\$68,115	RESEARCH AND DEVELOPMENT	\$50,162,202
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847					\$26,844	\$68,115	RESEARCH AND DEVELOPMENT	\$50,162,202

**University of Wyoming  
(A Component Unit of the State of Wyoming)  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2019**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned By Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$16,192	\$474,072	\$474,072	RESEARCH AND DEVELOPMENT	\$50,162,202
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855				\$80,325	\$868,100	\$868,100	RESEARCH AND DEVELOPMENT	\$50,162,202
<i>BIOMEDICAL RESEARCH AND RESEARCH TRAINING</i>	93.859		GLYCOBAC	05022018REV001		\$25,510	\$6,618,990	RESEARCH AND DEVELOPMENT	\$50,162,202
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$793,135	\$6,446,423	\$6,618,990	RESEARCH AND DEVELOPMENT	\$50,162,202
			UNIVERSITY OF NEVADA, LAS VEGAS	18-22QR-UW-PG73					
			UNIVERSITY OF NEVADA, LAS VEGAS	18-22QR-UW-MSRP-02					
			UNIVERSITY OF NEVADA, LAS VEGAS	18-22QR-UW-MSRP-01					
			UNIVERSITY OF NEVADA, LAS VEGAS	18-22QN-UW-05-BS					
<i>BIOMEDICAL RESEARCH AND RESEARCH TRAINING</i>	93.859		UNIVERSITY OF NEVADA, LAS VEGAS	GR-07334		\$148,571	\$6,618,990	RESEARCH AND DEVELOPMENT	\$50,162,202
<i>BIOMEDICAL RESEARCH AND RESEARCH TRAINING</i>	93.859		UNIVERSITY OF NEW MEXICO	3RN79		-\$1,514	\$6,618,990	RESEARCH AND DEVELOPMENT	\$50,162,202
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$624,300	\$1,397,682	\$1,407,459	RESEARCH AND DEVELOPMENT	\$50,162,202
<i>CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH</i>	93.865		UNIVERSITY OF DENVER	SC37630-02		\$6,929	\$1,407,459	RESEARCH AND DEVELOPMENT	\$50,162,202
<i>CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH</i>	93.865		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO	160540/160538		\$2,848	\$1,407,459	RESEARCH AND DEVELOPMENT	\$50,162,202
AGING RESEARCH	93.866				\$241,057	\$1,636,267	\$1,636,267	RESEARCH AND DEVELOPMENT	\$50,162,202
<i>MEDICAL LIBRARY ASSISTANCE</i>	93.879		UNIVERSITY OF UTAH	10039576-06		\$87,334	\$87,334	N/A	\$0
<i>CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS</i>	93.898		WY DEPARTMENT OF HEALTH	191307		\$4,627	\$4,627	RESEARCH AND DEVELOPMENT	\$50,162,202
<i>BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES</i>	93.958		WY DEPARTMENT OF HEALTH	01302018REV001		\$55,909	\$55,909	N/A	\$0
<i>BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE</i>	93.959		WY DEPARTMENT OF HEALTH	08312018REV002		\$112,181	\$112,181	N/A	\$0
PPHF GERIATRIC EDUCATION CENTERS	93.969				\$167,982	\$867,058	\$867,058	N/A	\$0
<b>TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES</b>					<b>\$2,276,571</b>	<b>\$15,739,181</b>			
<b>CORPORATION FOR NATIONAL AND COMMUNITY SERVICE</b>									
<i>AMERICORPS</i>	94.006		SERVE WYOMING	17AC189526					
			SERVE WYOMING	18AC200617					
			SERVE WYOMING	14AFHWY0010005		\$127,899	\$127,899	N/A	\$0
<b>TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE</b>						<b>\$127,899</b>			
<b>TOTAL EXPENDITURE OF FEDERAL AWARDS</b>					<b>\$10,247,128</b>	<b>\$121,352,697</b>			

**Please Note:**

*Italicized award lines indicate pass-through funding*

The accompanying Notes to the Schedule of Expenditures of Federal Awards are an integral part of the schedule.

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**

**Notes to the Schedule of Expenditures of Federal Awards**  
**Year Ended June 30, 2019**

**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, 2019. 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*, or the cost principles contained in Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, 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 there are no continuing compliance requirements other than required loan payments, 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, 2019, are as follows:

<b>CFDA Number</b>	<b>Program Name</b>	<b>Outstanding Balance at June 30, 2019</b>
84.038	Federal Perkins Loan program	\$4,442,000

**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), a component unit of the State of Wyoming, as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated December 11, 2019, which contained an "Emphasis of Matter" paragraph regarding a restatement of the financial statements. Our report includes a reference to other auditors who audited the financial statements of the University of Wyoming Foundation (the Foundation), the discretely presented component unit, as described in our report on the University's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of the 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) to determine the 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 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 items 2019-001, 2019-002 and 2019-003 that we consider to be material weaknesses.

### ***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 determination of financial statement amounts. 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 findings identified in our audit are 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 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.

**BKD, LLP**

Denver, Colorado  
December 11, 2019

**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, 2019. 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.



### ***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, 2019.

### ***Other Matters***

The results of our auditing procedures disclosed an other instance of noncompliance, which is required to be reported in accordance with the Uniform Guidance and which is described in the accompanying schedule of findings and questioned costs as item 2019-004. Our opinion on each major federal program is not modified with respect to this matter.

The University's response to the noncompliance finding 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, and therefore, material weaknesses or significant deficiencies may exist that have not been identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we did identify a certain deficiency in internal control over compliance, described in the accompanying schedule of findings and questioned costs as item 2019-004, that we consider to be a significant deficiency.

Board of Trustees  
University of Wyoming

The University's response to the internal control over compliance finding 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.

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, 2019 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated December 11, 2019, which contained unmodified opinions on those financial statements, a reference to the reports of other auditors and a paragraph emphasizing matters regarding the financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the 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  
December 11, 2019

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs**  
**Year Ended June 30, 2019**

**Section I – Summary of Auditor’s Results**

*Financial Statements*

1. Type of report the auditor issued on whether the financial statements audited were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP):

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

*Federal 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

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

7. Identification of major federal programs:

<b>CFDA Number (s)</b>	<b>Name of Federal Program or Cluster</b>
84.334S	Research and Development Cluster Health Center Program Cluster Gaining Early Awareness and Readiness for Undergraduate Programs

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

9. Auditee qualified as a low-risk auditee?  Yes  No

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

**Section II – Financial Statement Findings**

Reference Number	Finding
2019-001	<p><b>Finding: Restatement of Prior Year Financial Statements</b></p> <p><b>Criteria or Specific Requirement:</b> 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 transactions are recorded in accordance with applicable accounting standards/guidance.</p> <p><b>Condition:</b> The following issues were noted during the 2019 audit, causing the prior period’s financial statements to be restated:</p> <p>a) The University has corrected its accounting for capital state appropriations to be in compliance with GASB 33, <i>Accounting and Financial Reporting for Nonexchange Transactions</i>. Per GASB 33, revenue should be recognized when all eligibility requirements have been met. Eligibility requirements are conditions established by enabling legislation or the provider that are required to be met before a transaction can occur. For capital state appropriations eligibility requirements, include that an appropriation exists and the period to which the appropriation applies has begun. It also requires any match or other contingent requirements stipulated in the legislation have been met. The University determined that for two capital state appropriations the eligibility requirements had been met in previous years and therefore, revenue should have been recognized at that time. This adjustment increased beginning net position at July 1, 2018 by \$98,855,000.</p> <p>b) The University corrected its accounting for student loans. There are certain loan programs administered by the University in the medical and dental fields whereby the loans will be forgiven if the student works within the State of Wyoming for a certain length of time subsequent to their graduation. The University was recording the entire loan receivable and was not estimating an allowance for the potential amounts that will be forgiven. An allowance was recorded based on historical forgiveness rates based on the underlying program in which the student is enrolled. This adjustment decreased beginning net position at July 1, 2018 by \$27,656,000.</p> <p>c) Approximately \$5,600,000 of CIP projects were expensed in a prior year, when they should have been capitalized on the statement of net position. This adjustment increased beginning net position at July 1, 2018.</p> <p><b>Effect:</b> The items outlined above resulted in a restatement of the beginning net position of approximately \$76,761,000.</p> <p><b>Causes:</b></p> <p>a) Management was not aware of all the requirements associated with GASB 33 and thus was waiting until the State of Wyoming made the funds available to draw in its WOLFS system before revenue was recorded.</p> <p>b) Historically, the University recorded the full amount of the loan receivable and charged off the amounts forgiven as work requirements were completed.</p>

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

<b>Reference Number</b>	<b>Finding</b>
	<p>c) During fiscal year 2019, management did an extensive review of the CIP projects and discovered the projects that had erroneously been expensed in the prior years. In addition, current policies and procedures do not clearly define all year-end tasks relating to CIP and the review process was not adequate to identify this error in the prior years.</p> <p><b>Recommendation:</b> We recommend that the University strengthens controls over the application of accounting standards to ensure transactions are recorded in compliance with both existing and new guidance. We also recommend that the University implement a process to reconcile CIP on a quarterly basis and continue to strengthen its existing review policies and procedures to ensure the timely and accurate presentation of financial information necessary for external reporting.</p> <p><b>Views of Responsible Officials:</b> The University agrees with the finding. See separate auditee document for planned corrective actions.</p>

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

<b>Reference Number</b>	<b>Finding</b>
<b>2019-002</b>	<p><b>Finding: Financial Information Preparation</b></p> <p><b>Criteria or Specific Requirement:</b> Accounting tasks such as cross-checks and reviews play a key role in proving the accuracy of accounting data and financial information that comprise interim and year-end financial statements and other financial reports on a timely basis.</p> <p><b>Condition:</b> During our review of the financial information, we encountered numerous problems with the timeliness and/or accuracy of the information provided. Multiple requests to provide and correct information were required to be made during the audit process, including the identification of multiple adjusting journal entries and waived audit entries.</p> <p><b>Effect:</b> By not providing accurate information in a timely manner, proper quality control and preliminary reviews cannot be adequately performed. Failure to review information creates a situation where errors made by the preparer may go undetected.</p> <p><b>Causes:</b> During fiscal year 2019, the University was impacted as a result of turnover in key positions. Policies and procedures do not clearly define all year-end tasks to be performed.</p> <p><b>Recommendation:</b> We recommend that the University continue to strengthen its existing review policies and procedures to ensure the timely and accurate presentation of financial information necessary for external reporting. We also recommend the year-end checklist be updated to reflect all journal entries required to be made as part of the closing process, including all financial statement presentation entries.</p> <p><b>Views of Responsible Officials:</b> The University agrees with the finding. See separate auditee document for planned corrective actions.</p>

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

Reference Number	Finding
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**2019-003 Finding: Schedule of Expenditures of Federal Awards Preparation**

**Criteria or Specific Requirement:** Per Uniform Guidance 2 CFR 200.510(b), auditees receiving federal funds must prepare an annual Schedule of Expenditure of Federal Awards (SEFA) detailing the federal awards expended each year. At a minimum the schedule must include the following items:

- (1) List individual federal programs by federal agency. For a cluster of programs, provide the cluster name, list individual federal programs within the cluster of programs, and provide the applicable federal agency name.
- (2) For federal awards received as a subrecipient, the name of the pass-through entity and identifying number assigned by the pass-through entity must be included.
- (3) Provide total federal awards expended for each individual federal program and the CFDA number or other identifying number when the CFDA information is not available. For a cluster of programs also provide the total for the cluster.
- (4) Include the total amount provided to subrecipients from each federal program.
- (5) For loan or loan guarantee programs described in §200.502 basis for determining federal awards expended, paragraph (b), identify in the notes to the schedule the balances outstanding at the end of the audit period. This is in addition to including the total federal awards expended for loan or loan guarantee programs in the schedule.
- (6) Include notes that describe that significant accounting policies used in preparing the schedule, and note whether or not the auditee elected to use the 10% de minimis cost rate as covered in §200.414 Indirect (F&A) Costs.

At the University, the SEFA is prepared by the office of sponsored programs based on information contained in the InfoEd and the grant subledger systems.

**Condition:** The University does not have adequate internal controls to ensure the SEFA accurately reports all federal assistance the University receives. The University’s SEFA excluded \$12.2 million of federal expenditures. In addition, we identified 18 federal awards incorrectly classified under the wrong CFDA number (\$3 million). Total expenditures reported on the SEFA are \$121.4 million.

**Effect:** Errors in the SEFA effect the accuracy of information reported to the federal government in the University’s data collection form. In addition, appropriate major program determination by the auditor is dependent upon the accuracy and completeness of the information included in the SEFA. The above conditions resulted in an additional major program being required for testing late in the audit process.

**Cause:** The report used to prepare the SEFA did not properly capture all projects classified as federal. In addition, the information included in the system did not contain the correct information to properly classify the awards in the system.



**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

<b>Reference Number</b>	<b>Finding</b>
	<p><b>Recommendation:</b> We recommend that the University complete a review of federal grants administered by the University to help ensure that the required information is accurately included in the University's systems used to compile the SEFA. Additionally, we recommend that a process be developed to capture all required information during the set-up of new federal grant awards, including a process to obtain any missing information necessary for SEFA preparation and a verification process to ensure the information is input correctly into the systems. This information should be maintained in the University's InfoEd system.</p> <p><b>Views of Responsible Officials:</b> The University agrees with the finding. See separate auditee document for planned corrective actions.</p>

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

**Section III – Federal Award Findings and Questioned Costs**

Reference Number	Finding
2019-004	<p><b>Finding: Procurement</b></p> <p><b>Programs:</b></p> <ul style="list-style-type: none"> <li>(a) Research and Development Cluster</li> <li>(b) Gaining Early Awareness and Readiness for Undergraduate Programs</li> </ul> <p><b>CFDA Number:</b></p> <ul style="list-style-type: none"> <li>(a) Various</li> <li>(b) 84.334S</li> </ul> <p><b>Sponsoring Agency:</b></p> <ul style="list-style-type: none"> <li>(a) All Research and Development</li> <li>(b) Department of Education</li> </ul> <p><b>Sponsor Award Number:</b></p> <ul style="list-style-type: none"> <li>(a) Various</li> <li>(b) P334S11024 and P334S170010</li> </ul> <p><b>Award Period:</b></p> <ul style="list-style-type: none"> <li>(a) Various</li> <li>(b) September 26, 2011 – September 25, 2018 and September 26, 2017 – September 25, 2024</li> </ul> <p><b>Criteria:</b> General procurement standards outlined in 2 CFR 200.318(a) state that a non-federal entity must use its own documented procurement procedures which reflect applicable state, local and tribal laws and regulations, provided that the procurements conform to applicable federal law and the standards identified by the Uniform Guidance (sections 200.318 - 200.326). The Uniform Guidance outlines requirements over the proper oversight of contractors, having written standards of conduct for employees involved in contracting, awarding contracts to responsible contractors, maintaining records documenting the history of procurements including cost price analysis, conducting all transactions in a manner which provides full and open competition, utilizing the methods of procurement outlined in the Uniform Guidance, and ensuring every purchase order or contract includes the applicable provisions in Appendix II.</p>

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

Reference Number	Finding
	<p><b>Condition:</b> The University updated its procurement policy to conform to Uniform Guidance on June 26, 2019. Therefore, the University’s policies and procedures over procurement in effect during fiscal year 2019 did not conform to the requirements outlined by the Uniform Guidance as several required policies and procedures are not included. In addition, the Uniform Guidance establishes methods of procurements to be utilized which relate to the acquisition of both goods and services. While the University has specific guidance for the purchase of goods that comply with the methods of procurement, it does not have specific guidance for the purchases of services. Specifically, quotes were not required to be obtained between the small purchase threshold of \$7,500 and the threshold required to obtain bids of \$50,000 and as a result, five purchases of services tested under the R&amp;D Cluster and three purchases tested under the Gaining Early Awareness and Readiness for Undergraduate Programs did not receive quotes from an adequate number of sources or have sole source justification.</p> <p><b>Questioned Costs:</b></p> <ul style="list-style-type: none"> <li>(a) CFDA No. 47.047, Award No. 1444571 – \$43,200  CFDA No. 81.089, Award No. DE-FE0031624 – \$27,300  CFDA No. 47.050, Award No. AGS-1441831 – \$ 32,140</li> <li>(b) CFDA No. 84.334S, Award No. P334S11024 – \$32,000</li> </ul> <p>Questioned costs were determined based upon the value of the transactions tested for which the correct procurement process was not followed. The costs questioned above were validated to be allowable costs of the respective program.</p> <p><b>Context:</b> We compared the University’s policies and procedures to the applicable sections of the Uniform Guidance. In addition, we selected the following for each major program:</p> <ul style="list-style-type: none"> <li>(a) A total of 12 grants selected for testing within the R&amp;D cluster comprised a population of 1,418 transactions qualifying for the procurement of goods and services. We selected all costs greater than the micropurchase threshold of \$7,500 (9 items) and tested a sample of expenditures under the micropurchase threshold (31 items) for a total of 40 transactions tested. Total expenditures for purchases of services under the R&amp;D cluster were \$1,976,737.</li> <li>(b) Gaining Early Awareness and Readiness for Undergraduate Programs comprised a population of 463 transactions qualifying for the procurement of goods and services. We selected all costs greater than the micropurchase threshold of \$7,500 (10 items) and tested a sample of expenditures under the micropurchase threshold (30 items) for a total of 40 of transactions tested. Total expenditures for purchases of services under this program were \$212,015.</li> </ul> <p>A non-statistical sampling methodology was used to select the samples.</p> <p><b>Effect:</b> Not procuring goods and services in accordance with requirements outlined by the Uniform Guidance increases the risk that federal expenditures are not being used properly.</p> <p><b>Cause:</b> The University’s policies were not compared to Uniform Guidance to ensure all elements were incorporated prior to adoption.</p>

**University of Wyoming**  
**(A Component Unit of the State of Wyoming)**  
**Schedule of Findings and Questioned Costs (continued)**  
**Year Ended June 30, 2019**

<b>Reference Number</b>	<b>Finding</b>
	<p><b>Identification as a Repeat Finding:</b> 2018-007</p> <p><b>Recommendation:</b> While the University revised its policies and procedures to conform to the requirements of Uniform Guidance as of June 26, 2019, all employees should be trained on these new policies and procedures and periodic reviews should be performed by the procurement office to ensure that policies are being followed.</p> <p><b>Views of Responsible Officials:</b> The University agrees with the finding. See separate report for planned corrective actions.</p>

# UNIVERSITY OF WYOMING

Vice President, Division of Administration  
1000 E. University Avenue, Department 3982 • Room 202H, Old Main • Laramie, WY 82071  
(307) 766-5766 • fax (307) 766-3436 • www.uwyo.edu/administration

## Summary Schedule of Prior Audit Findings Year Ended June 30, 2019

Reference Number	Summary of Finding	Status
2018-001	With new accounting pronouncements becoming effective in the subsequent years, we recommend that the University verifies all information is available before adopting the new accounting standards and strengthens controls over this process to ensure new pronouncements are adopted properly and applicable transactions are recorded in compliance with any new guidance.	Partially implemented see finding 2019-001
2018-002	We recommend the University thoroughly examine how WyoCloud is set up and ensure that all grants management personnel understand this set up and how WyoCloud is recognizing receivables and revenue at year-end. Furthermore, we recommend that management more timely reconcile the grant receivable accounts and develop a grant “rollforward” schedule. This schedule serves as a strong control to help ensure the receivable balances are accurate and complete and begins with the current year’s ending balance, adds expenditures, subtracts receipts and “rolls” to an ending balance at the subsequent year-end.	Implemented
2018-003	Reconciliations are a vital control over cash accounts and as such, we recommend that the reconciliations be consistently performed monthly and performed as soon as possible past month-end.	Implemented
2018-004	Where possible, management should eliminate the segregation of duties conflicts by removing developer access to production systems housing the Banner and People Soft HRMS application code files. Developers should not have the ability to move code to production unless a compensating control is designed to detect when the other change management ITGC controls in place have been circumvented because of the segregation of incompatible duties issues.	Implemented
	Compensating controls to segregation of duties can include: Change log review to determine that only approved changes were moved into production, while confirming the change log is complete and/or change control meetings that discuss and follow-up on recent changes that have been moved into production, while monitoring for unauthorized changes.	

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## Summary Schedule of Prior Audit Findings (continued) Year Ended June 30, 2019

Reference Number	Summary of Finding	Status
2018-005	We recommend that the University review its policies and procedures for recording fringe benefits and update them to be in accordance with the federal regulations noted above. We also recommend that the University review its time and effort reporting and coding within the system to help ensure that any fringe benefits charged during the period are equitably allocated across all related activities. If the system cannot be changed to accommodate the allocation of fringe benefits, policies and procedures should be established to ensure salary expenditure corrections are performed for all fringe benefits charged across multiple funding sources.	Implemented
2018-006	We recommend the University complete a campus-wide inventory as soon as possible and reconcile any differences noted with the University's asset management system, including correcting any tagging errors. We also recommend that University-wide training be held to train individuals receiving grants in the requirements associated with equipment management and University policy and procedures. Lastly, the University should review the WyoCloud system to ensure all required information for tracking assets purchased with federal funds is located within the system and reports be developed that can produce a comprehensive listing of all federal assets held by the University.	Implemented
2018-007	We recommend the University revise its policies and procedures to conform to the requirements of Uniform Guidance as soon as possible. In addition, employees should be trained on these new policies and procedures and periodic reviews should be performed by the procurement office to ensure that policies are being followed.	Partially implemented see finding 2019-004
2018-008	We recommend the University establish policies and procedures to ensure all copies of reports and supporting documentation are maintained within the University's InfoEd system. Furthermore, the InfoEd system tracks due dates for deliverables, and we recommend policies and procedures be implemented to review the InfoEd System for delinquent reports on a regular basis.	Implemented
2018-009	We recommend the University establish formalized policies and procedures over subrecipient monitoring, which should include the means ( <i>i.e.</i> review of FAC website or audit certification letters) and frequency of monitoring the completion of subrecipient audits to help ensure the monitoring occurs within the timelines outlined by federal regulations. In addition, the timing of the review, the results of the review, and the issuance of management decisions and communications with subrecipients should be documented and maintained by the University.	Implemented