

Agency	Agreement #	University	Pi	Project Title	Start Date	End Date	Budget
BLM	L23AC00587	MSU	Hill, Monique	MT/DK Monitoring nosious and invasive plant repsonse to conifer control and prioritizing species for intergrated management	15-Sep-23	14-Sep-28	\$50,000.00
BLM	L22AC00657	MSU	Varricchio, David	Dinosaur Bones of the Frontier Formation from Southwest Montana	01-Oct-22	29-Dec-23	\$6,510.00
BLM	L22AC00658	MSU	Varricchio, David	Dinosaur Bones of the Frontier Formation from Southwest Montana	01-Oct-22	29-Dec-23	\$6,510.00
BLM	L23AC00392-00	UM	Cansler, Alina	How Can We Rapidly and Consistently Evaluate the Effectiveness of Fuel Treatments on Wildfire Management and Severity?	18-Sep-23	31-Dec-24	\$478,832.00
BLM	L23AC00389-00	UM	Ferrenberg, Scott	Quantifying Fuel-Treatment Longevity After Thinning and Prescribed Fire	18-Sep-23	30-Sep-27	\$389,709.00
BLM	L23AC00055-00	UM	Higuera, Phil	Impacts of Wildfires and Climate Change on Western Larch Regeneration	09-Jan-23	31-Dec-24	\$25,000.00
BLM	L21AC10498	UM	Mitchel, Jessica	Inventory, classification, assessment, and monitoring tools for woodland draw habitats on BLM lands in Montana and the Dakotas	01-Jun-23	30-Sep-24	\$120,000.00
BLM	L23AC00676	UM	Mitchel, Jessica	Ventenata Inventories and Invasive Annual Grass Mapping on and Surrounding BLM Lands in Eastern Montana	18-Sep-23	17-Sep-28	\$100,000.00
BLM	L23AC00181-00	UM	Trentman, Matthew	BLM Idaho Riparian and Wetland Data Collection 2024	27-Jul-23	26-Jul-28	\$311,188.29
BLM	L20AC00107	UWaterloo	Fedy, Brad	Sage-grouse studies in north easter Wyoming	02-Sep-23	01-Jul-24	\$259,148.00
BLM	L21AC10171-0003	UWyo	Kauffman, Matthew	WY Evaluating the benefit of multiple migratory tactics in the world's longest migrating mule deer herd	10-Aug-23	31-Aug-24	\$50,000.00
BLM	L23AC00297-00	UWyo	Rapp, Farrel	CESU Riparian Soil Organic Carbon:Detecting Change and Defining Monitoring Efficiency	01-Aug-23	31-Dec-25	\$25,997.00
BLM	L23AC00266-00	UWyo	Rapp, Farrel	CESU Enhancing Rangeland Restoration in Northeast Wyoming	23-Jul-23	30-Jun-26	\$173,684.00
BLM	L23AC00298	UWyo	Rapp, Farrel	CESU North Bighorn Mule Deer Movements, Seasonal Ranges and Habitat Use	01-Sep-23	31-Aug-24	\$26,400.00

BLM	L23AC00299-00	UWyo	Rapp, Farrel	CESU Access to the Data Explorer Pro application maintained by the Wyoming Natural Diversity Database (University of Wyoming) by the Bureau of Land Management - Wyoming	30-Sep-23	31-Dec-25	\$48,000.00
BLM	L23AC00302-00	UWyo	Rapp, Farrel	CESU Managing greater sage-grouse and wind energy developments in Wyoming	30-Sep-23	30-Sep-28	\$326,848.00
BLM	L23AC00307-00	UWyo	Rapp, Farrel	CESU Investigating parasitism of bumble bees: do species petitioned for Endangered Species Act listing have more parasites?	30-Sep-23	30-Sep-25	\$20,000.00
BLM	L23AC00308-00	UWyo	Rapp, Farrel	CESU Monitoring and continuing examination of climate influences on Desert yellowhead (Yermo xanthocephalus).	30-Sep-23	30-Sep-25	\$57,831.00
BLM	L23AC00309-00	UWyo	Rapp, Farrel	CESU The status and distribution of the Narrow-footed Hygrotus Diving Beetle (Hygrotus diversipes) in Wyoming	30-Sep-23	30-Sep-25	\$60,000.00
BLM	L22AC00231	UWyo	Tronstad, Lusha	Plant Conservation Pollination of Sessileflower Indian Parsley	03-May-23	30-Sep-24	\$23,565.00
BLM	L23AC00653	UWyo	Tronstad, Lusha	MT/DK Survey for pollinators prior to bentonite mine reclamation	15-Sep-23	14-Sep-26	\$40,141.00
DoD	W9126G-23-2-0050	CSU	Anderson, Jennie	Natural Resource Technical Expertise	30-Sep-23	29-Mar-25	\$795,238.00
DoD	W9126G-20-2-0012	CSU	Barker, Farris	Air Space Management, National Environmental Policy Act, Natural, Cultural, and Overseas Environmental Program Technical Assistance	02-Jul-23	01-Jul-24	\$2,317,636.00
DoD	W9126G-22-2-0027	CSU	Clarke, Melinda	Land Management Support	29-Sep-23	28-Sep-24	\$498,893.00
DoD	W9126G-22-2-0045	CSU	Clarke, Melinda	Natural Resource Compliance Support	29-Sep-23	28-Sep-24	\$1,039,400.00
DoD	W9126G-21-2-0027	CSU	Jones, David	Natural Resources Ecosystem Management Activities, Pohakuloa Training Area and Keamuku Maneuver Area	01-Aug-23	31-Jan-25	\$2,571,000.00
DoD	W9126G-19-2-0017	CSU	Ley, Matt	ITAM Assistance	10-Jun-23	09-Jun-24	\$130,000.00
DoD	W9126G-21-2-0049	CSU	Wallander, Amanda	Cultural Resources Technical Support on the Islands of Oahu and Hawaii	15-Sep-23	14-Sep-24	\$1,365,500.00
DoD	W9126G-23-2-0015	CSU	Wallander, Amanda	Cultural Resource Support	01-Jul-23	30-Jun-24	\$271,640.00

DoD	W9126G-22-2-0035	CUB	Zagona, Edith	CADSWES Water Resources Support	23-Sep-23	22-Sep-24	\$163,000.00
DoD	W9126G-21-2-0032	UMT	Millspaugh, Joshua	Predictive 3-Dimensional Model Using Avian Radar at Ellsworth Air Force Base, South Dakota	30-Aug-23	30-Jun-25	\$141,808.00
DoD	W9126G-21-2-0032	UMT	Millspaugh, Joshua	Natural Resources Support – Predictive 3-Dimensional Model Using Avian Radar	30-Sep-23	29-Sep-24	\$141,808.00
DoD	W9126G-21-2-0032	UMT	Millspaugh, Joshua	Natural Resources Support – Predictive 3-Dimensional Model Using Avian Radar	30-Sep-23	29-Sep-24	\$136,883.00
DoD	W911KB-22-2-0006	UMT	Swinford, Kevin	Wildland Fire Management Technical Support Air Force Wildland Fire Branch	18-Feb-23	15-Apr-24	\$1,172,545.00
DoD	W9126G-20-2-0016	UMT	Swinford, Kevin	Invasive Species Support	01-Jun-23	31-May-24	\$190,662.00
NPS	P22AC02143	CSU	Fassnacht, Steven	Water Resources Database Enhancement	14-May-23	31-Mar-25	\$124,300.00
NPS	P21AC11375	CSU	Hand, Jenny	Assistance for viability data analysis	01-Jun-23	31-Jan-25	\$930,138.00
NPS	P23AC00110	CSU	Kanno, Yoichiro	Fire Impacts on Trout Genetic Diversity to Assess Resiliency of Fisheries Resources	01-Jun-23	31-Dec-24	\$33,200.00
NPS	P23AC00409	CSU	Schorr, Robert	Creating an artificial roost and monitoring of little brown bats with Pd	17-Apr-23	30-Apr-24	\$64,064.00
NPS	P21AC10408	CSU	Spraker, Terry	Veterinary diagnostic services for NPS wildlife species	18-May-23	02-May-16	\$50,000.00
NPS	P22AC01572	CSU	Sproles, Eric	Branch Out Bozeman: Water Quality Mapping 2	15-Aug-23	31-Aug-24	\$27,201.00
NPS	P23AC02156	CUB		ROMO-CESU Grassland resilience in the Northern Great Plains under climate change	08-Sep-23	14-Sep-27	\$299,999.00
NPS	P23AC01104	CUB		GNSS IR time series analysis of National Park Service sites	14-Jun-23	14-Aug-24	\$60,000.00
NPS	P22AC01334	CUB		Climate Change Science, Adaptation, Communication Support	15-Jul-23	31-Mar-26	\$170,000.00

NPS	P19AC00241	CUB	Kociolek, John Patrick	Revitalizing the Exhibitions of Chapin Mesa Archaeological Museum	04-Apr-23	20-Mar-24	\$70,000.00
NPS	P23AC00315	CUB	Lininger, Katherine	Snake River Ecogeomorphic Study	13-Mar-23	01-Jun-24	\$44,969.00
NPS	P22AC01495	CUD		Paleontological Resource Data Development	05-Aug-23	05-Aug-24	\$116,000.00
NPS	P23AC00792	CUD	Arnold, Suzanne	Teacher Ranger Teacher Program	25-Jun-23	31-Dec-24	\$186,336.00
NPS	P22AC01516	CUD	Briles, Christy	Assist with Projects that Present Air Resources Information to Park Units and the Public	29-Jul-23	31-Aug-24	\$9,519.00
NPS	P21AC10861	CUD	Tomback, Diana	Estimation of limber pine seed viability across high elevations in Rocky Mountain National Park	07-Jun-23	31-Dec-23	\$7,238.00
NPS	P22AC00763	CUD	Vlahos, Kat	Sakura Square Heritage Documentation Project	01-Jun-23	01-Jun-25	\$27,000.00
NPS	P23AC01095	DU		Amache Archaeological Overview and Assessment	01-Jul-23	30-Jun-26	\$76,669.00
NPS	P23AC00588	MSU	Hansen, Andrew	Providing Technical and Professional Assistance to the Greater Yellowstone Network	01-May-23	30-Apr-28	\$59,464.00
NPS	P23AC00545	Udaho		Demographic and genetic monitoring of the endangered Sonoran pronghorn in ORPI, Mexico, and surrounding areas using fecal DNA sampling.	08-May-23	31-Dec-24	\$52,447.00
NPS	P23AC00522	Udaho	Long, Ryan	Carrying capacity of bighorn sheep in the Teton Range	01-Jul-23	30-Jun-24	\$94,029.00
NPS	P22AC00380	UM	Elser, Jim	Understanding Nutrient Dynamics and Water Quality Trends in Lake McDonald, Glacier National Park.	01-Apr-23	31-Mar-24	\$45,923.00
NPS	P19AC01232	UM	Gerloff, Lisa	ROMO CESU Leadership and Administrative Oversight	15-Jul-23	01-Sep-24	\$28,800.00
NPS	P23AC01577-00	UM	Johnson, Shawn	Bison Shared Stewardship Strategy Development	31-Jul-23	31-Jul-25	\$140,000.00
NPS	P23AC01235	UM	Luikart, Gordom	eDNA sampling for invasive species in Waterton-Glacier International Peace Park	06-Jul-23	06-Jul-25	\$6,851.00

NPS	P23AC01198	UM	Lukacs, Paul	National Parks Conservation Fellowships: Technical Assistance Support to Biological Resources Division for Wildlife Conservation and Ecological Restoration	01-Aug-23	30-Jun-28	\$450,000.00
NPS	P23AC00199	UM	Millsbaugh, Joshua	Impact of nongame bird and mammal species of high-intensity fire vs. prescribed burns in aspen stands	24-Feb-23	31-May-25	\$42,798.00
NPS	P23AC01980	UM	Millsbaugh, Joshua	IRA Partnership with Blackfoot Tribe and Glacier NP toward wild bison restoration	30-Aug-23	30-Apr-28	\$250,000.00
NPS	P23AC00974	UM	Rice, William	Building a Conceptual Understanding of Managed Access across the Recreation Opportunity Spectrum: An Application in Yellowstone National Park	01-Jun-23	01-Jun-24	\$10,011.00
NPS	P22AC01268	UM	Rice, William and Jennifer Thomson	Examining Commercial and Non-commercial Visitor Use on Blue Mesa Reservoir and the adjacent Gunnison River at Curecanti National Recreation Area	01-Aug-23	31-Jul-25	\$64,356.00
NPS	P23AC01155	UM	Sexton, Erin	Crown Managers Partnership Transboundary Conservation Initiative: Implementing a Landscape Conservation Design Across the Crown of the Continent	04-Jul-23	30-Sep-24	\$7,150.00
NPS	P23AC00355	UM	Thomsen, Jennifer	Glacial National Park Visitor Use Management	11-Apr-23	11-Apr-24	\$68,337.00
NPS	P22AC01499	UM	Whitley, Andrew	Genotyping to Build a Pedigree for Brook Trout from Stanley Brook, Acadia National Park	01-Jul-23	30-Sep-27	\$75,000.00
NPS	P23AC00099	USU	Freimund, Wayne	Assessing traffic, visitor flow, visitor experience, and visitor capacity at Capital Reef National Park (CARE)	24-Feb-23	30-Mar-24	\$88,600.00
NPS	P23AC00552	UU	Brown, Brent	Rainbow Bridge Vibration Measurements, Modeling, Sediment Dating	01-May-23	30-Apr-25	\$19,982.00
NPS	P23AC01611	UWyo		Managing Annual Grasses Invading Natural Ecosystems	01-Aug-23	30-Apr-28	\$100,000.00
NPS	P23AC01276	UWyo		Drivers of Dynamics of the endangered Sonoran Pronghorn along the U.S. Mexico Border – implications for future conservation and monitoring efforts	20-Jul-23	31-Dec-24	\$18,857.00
NPS	P21AC10165	UWyo	Laughlin, Daniel	Evaluate sagebrush steppe condition, restoration efficacy and community trajectories, Grand Teton National Park	12-Apr-23	01-Feb-26	\$55,310.00
NPS	P23AC00377	UWyo	Merkle, Jerod	Evaluating Bison Behavior and Ecology in Yellowstone National Park	01-May-23	30-Sep-24	\$30,000.00
NPS	P23AC00473	UWyo	Tronstad, Lusha	Yellowstone Lake Plankton Analysis	01-Jul-23	30-Jun-27	\$127,817.00

NRCS	NR233A750023C003	CSU		Student Engagement with Soil Science	01-Nov-22	31-May-25	\$61,328.00
NRCS	NR233A750023C057	CUB		LandPKS and DSS	30-Sep-23	30-Jun-26	\$498,934.00
NRCS	NR233A750023C033	USU		Improving Carbon Sequestration Modeling	26-Sep-23	31-Jul-28	\$492,749.00
NRCS	NR233A750023C010	UWyo		Evaluate Wildlife Friendly Fence Design	08-Aug-23	31-Dec-26	\$100,068.00
USACE	W912HZ2220044	BSU	Reinhardt, Bob	Inundated Heritage Data Collection, Community Outreach, and Public Disseminations Willamette Valley, Oregon	29-Aug-23	27-Sep-24	\$197,286.00
USACE	W912HZ-23-3-0054	MSU	Thum, Ryan	Genetic Characterization of Introduced European Frogbit and Water Soldier (Hydrocharis morus-ranae and Stratiotes aloides) to Support Management and Biological Control Development	29-Sep-23	28-Sep-25	\$97,834.00
USFS	23-JV-11221636-075	CUB	Stephens, Jilmarie	Wildfire Risk Reduction in Priority Fireshed using Potential Operational Delineations (POD)	24-Apr-23	31-Dec-25	\$584,000.00
USFS	23-CS-11090100-005	MSU	Church, Sarah	Urban Connections Strategic Plan and Monitoring Program	01-Jan-23	31-Dec-23	\$26,000.00
USFS	23-CS-11221634-145	MSU	Covino, Timothy	Hillslope and Forest Responses to Tethered Logging	31-Aug-23	31-May-28	\$85,000.00
USFS	23-CS-11015600-083	MSU	Ivie, Michael	Pollinator Surveys and Collections	18-Sep-23	30-Jun-28	\$9,000.00
USFS	23-CS-11021400-025	MSU	Lee, Craig	Longitudinal Study of Shoshone National Forest Snow and Ice Patches - Year 1	01-Aug-23	01-Aug-28	\$5,000.00
USFS	23-CS-11011500-023	MSU	Littlefield, Jeffrey	Survey for the eastern heath snail on National Forest System lands in Montana	27-Jun-23	15-Jun-28	\$10,000.00
USFS	23-CS-11011100-043	MSU	Marlow, Clayton	Human Trends in the Absoroka Beartooth Wilderness in Relationship to Grizzly Bear Range Expansion and Habitat Use	27-Sep-23	31-Aug-28	\$10,000.00
USFS	22-CS-11221637-188	UM	Ferrenberg, Scott	Lubrecht Fire and Fire Surrogate Site Integrity	23-Jun-23	28-Jun-24	\$10,000.00
USFS	22-0688-A0001-1	UM	Larson, Andrew	Wilderness Connect	01-Jul-23	30-Jun-24	\$144,000.00

USFS	22-CS-11132423-304	UM	Larson, Andrew	Wilderness Character Monitoring Database Program of Work for Fiscal Year 2023	15-Apr-23	15-Aug-27	\$25,419.00
USFS	23-CS-11132423-277	UM	Rice, William	Supporting Wilderness and Wild Scenic River Management through Frameworks and Administrative Decision-support Tools	12-Jun-23	01-Jan-28	\$25,886.00
USFS	23-CS-11046000-025	WYU	Heidel, Bonnie	Survey for Species of Conservation Concern and Sensitive Species Plants	01-Oct-22	30-Sep-26	\$17,000.00
USFS	23-CS-11020600-001	WYU	Parry, Paige	Light Detection and Ranging Plot Validation - Phase 2	01-Oct-22	30-Sep-26	\$120,093.00
USFS	23-CS-11020600-001	WYU	Parry, Paige	Light Detection and Ranging Plot Validation	01-Oct-22	30-Sep-26	\$120,093.00
USFWS	F23AC02379	MSU	Burkle, Laura	Pre and post treatment impacts of Japanese brome treatment on pollinators in sagebrush rangeland	01-Aug-23	31-Aug-28	\$95,000.00
USFWS	F23AC00153-00	MSU	Guy, Christopher	Ontogenetic and spatiotemporal distribution of stable isotopes and gut content for pallid sturgeon	01-Dec-22	30-Dec-25	\$90,075.00
USFWS		UM	Colman, Ben	Assessing the Effects of Dietary Selenium on Growth, Survival, and Reproductive Capacity of Native, Sentinel Species in the Kootenai River	01-Aug-23	31-Dec-27	\$118,112.00
USFWS		UM	Cooley, Hilary	Grizzly Bear Recovery: Implementation, Monitoring, Research, Education and Conservation	01-Apr-23	30-Sep-25	\$311,946.00
USFWS	F23AC02369	UM	Millspaugh, Joshua	Resource Selection Analysis for Hart Mountain NWR Bighorn Sheep Population	01-Jul-23	03-Sep-24	\$35,980.00
USFWS	F23AC00078	UM	Naugle, David	Adapting to climate change; building an information framework for conserving wetlands and waterbirds in western migratory flyways	01-Nov-22	30-Sep-26	\$15,000.00
USFWS		UM	Walsh, Daniel, and Colmen, Ben	Identifying grizzly bear (Ursus arctos horribilis) contaminant profiles and exposure, and assessing resiliency associated with remediation and restoration projects in Montana ecosystems	01-Jan-23	31-Dec-24	\$126,000.00
USFWS	F22AC02151	UM	Whitely, Andrew	Genetic Analysis for Pilot Peak Lahontan Cutthroat Trout	01-Jul-23	30-Jun-24	\$42,705.00
USFWS	F23AC02303-00	WYU	Mealor, Brian	Migratory Bird Joint Ventures	01-Oct-22	30-Sep-25	\$41,930.00
USFWS	F22AC03514	WYU	Mealor, Brian	Invasive Annual Grass Tech Transfer Partnership: Empowering Land Manager to Defend and Grow Sagebrush Cores	01-Oct-22	30-Sep-25	\$300,000.00

USGS	G23AC00540	CSU	Esmaeili, Saeideh	Wild Equids in the Rocky Mountains and beyond; ecology of feral and wild species	15-Sep-23	14-Sep-28	\$121,031.00
USGS	G23AC00379	CSU	Funk, Chirs	Harnessing the Power of Genomics to Inform Recovery Strategies for the Threatened Oregon spotted frog (<i>Rana pretiosa</i>)	03-Jul-23	02-Jul-27	\$84,773.00
USGS	G23AC00121	CSU	Mola, John	Understanding Overwintering and Long-Term Demography of Imperiled Bumble Bees	13-Feb-23	12-Feb-27	\$200,028.00
USGS	G23AC00537	CSU	Schultz, Courtney	Developing Short Science Syntheses to Facilitate Climate-Informed Land Management Decisions and NEPA Analyses in the Sagebrush Ecosystem	15-Sep-23	14-Sep-26	\$15,138.00
USGS	G23AC00220	CSU	Siemers, Jeremy	National Early Detection Rapid Response Information System Application Support	30-Mar-23	29-Mar-28	\$200,000.00
USGS	G23AC00234	CSU	Siemers, Jeremy	North American Bat Monitoring Program Data Management and Outreach Support	15-May-23	14-May-28	\$200,000.00
USGS	G23AC00553	CSU	Siemers, Jeremy	Improving the NABat Data Ecosystem	01-Aug-23	31-Aug-28	\$231,409.00
USGS	G23AC00554	CSU	Wible, Tyler	Bill Williams Riverine Environmental Flow Decision Support Tool (REFDSS) and Green River Analysis	14-Aug-23	13-Aug-18	\$188,000.00
USGS	G23AC00387	CUB	Thomas, Evan	Monitoring and forecasting the status of groundwater and rangeland resources in support of FEWS NET	10-Jul-23	09-Jul-25	\$125,166.00
USGS	G23AC00334	CUD	deSouza, Priyanka	Evaluating environmental exposures at bus stops in Denver	01-Jun-23	31-May-25	\$40,000.00
USGS	G23AC00118-	MSU	Banner, Katherine	Statistical support and research and development for DOI monitoring programs	08-Feb-23	07-Feb-27	\$232,000.00
USGS	G23AC00490	MSU	Cline, Timothy	Assessing population status and trends of of transboundary bull trout populations	07-Aug-23	06-Aug-28	\$70,436.00
USGS	G23AC00646	USU	Davies, Chris	Performance of the iUPOD Intrauterine Device for Long-Term Fertility Control in Free-roaming Mares	29-Sep-23	28-Sep-28	\$29,924.00
USGS	G23AC00073-00	UWyo	Merkle, Jerod	Assessing chronic wasting disease diagnostics and identifying areas of high contagion	01-Feb-23	31-Jan-27	\$181,522.00