

List of Proposals

Department	Requestor(s)	Equipment	Purpose	Quote	Matching	Requesting
Animal and Range Sciences	Eric Scholljegerdes, Lyndi Bryant, Clint Loest, Sergio Soto, Glenn Duff, Adam Summers, Efen Delgado, Shanna Ivey,	Software upgrade Agilent Gas Chromatography ChemStation	Upgrade will allow users to continue to use this critical equipment	\$ 3,712.80	50%	\$ 1,856.40
Viriculture and IPM, Extension Plant Sciences	Gill Giese, Miranda Kersten, Shengrui Yao, Kevin Lombard, Jim Peterson, Emmanuel Lescombes	Vineyard Tiller	Targeted weed control	\$ 9,639.00	50%	\$ 4,819.50
Extension Family & Consumer Sciences	Lourdes Olivas, Cassandra Vanderpool	2-Portable skin caratenoid detection devices (Veggie Meters)	Provides an accurate measure of fruit and vegetable consumption for people of all races, ethnicities, ages, and genders	\$ 27,400.00	50%	\$ 13,700.00
Family and Consumer Sciences	Sergio Martinez & collaborators: Efen Delgado, Catie Brewer, Luis Sabillon, Franie Miller, Ehsan Dehghan-Niri, Soum Sanogo, Ivette Guzman, Alvaro Romero, Guangping Xu	Phase equilibria apparatus	Capture the predominant physical and chemical behavior of a group of valuable compounds generate missing knowledge that will help researchers to improve existing and accelerate the discovery of new applications	\$ 49,500.00	50%	\$ 24,750.00
PES	April Ulery, Kevin Lombard, Efen Delgado, Robert Flynn	Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES)	Analyze critical elements quickly and efficiently for environmental and agricultural projects	\$ 50,000.00	50%	\$ 25,000.00
						<b>\$ 70,125.90</b>

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Extension Animal Sciences and Natural Resources	Craig Gifford, John Wenzel, Marcy Ward, Kathy Landers, John Campbell, Jennifer Hernandez Gifford, Eric Scholljegerdes, Ryan Ashley, Adam Summers,	Bovine Skills Bundle from Realityworks	Models allow for demonstrations without using live animals which will greatly expand capabilities in both the classroom and Extension programming	\$ 15,717.86	38% (\$6,000)	\$ 9,717.86
Family and Consumer Sciences	Luis Sabillon, Willis Fedio, Efen Delgado, Sergio Martinez, Soum Sanogo	Gene-Up biometrix pathogen detection system	The equipment will be available not only to the PIs of this proposal, but also to any faculty in the College of ACES conducting research related to food and feed safety.	\$ 57,680.00	46% (\$26,680)	\$ 31,678.04
						<b>\$ 41,395.90</b>

**Total awarded: \$ 111,521.80**

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Chavez County Cooperative Extension Service	Andrea D. Stapp	Hay Probe Bale Sampler and Tote, Baby lock Alliance Embroidery Machine	Easily collect samples and prevent contamination from handling for proper hay crop analysis, and allow to provide instruction on machine embroidery during 4-H and adult sewing workshops.	\$ 7,243.98	0%	\$ 7,243.98
Animal and Range Sciences	Client Loest, Lyndi Bryant, Sergio Soto, Erick Scholljegerdes, Glenn Duff, Shanna Ivey	forced air oven and muffle furnace	analyze nutrients in samples such as livestock feedstuffs, soils, etc.	\$ 11,494.31	0%	\$ 11,494.31
Agricultural and Extension Education	Shannon Norris, Lacey Roberts	create a multimedia studio lab for ACES students (10Mac computers, 5DSLR cameras)	this equipment will provide opportunities for students to gain hands-on experience with innovative equipment, which will make ACES students more competitive in the agricultural, food, and natural resources (AFNR) workforce	\$ 18,100.16	0%	\$ 18,100.16
Fish, Wildlife & Conservation Biology	Jennifer Frey, Matt Gomper, Martha Desmond, Fitsum Gebreselassie, James Cain, Colleen Caldwell, Jay Gedir, Abigail Lawson, Zach Klein, Wiebke Boing	Ultracold (-80) freezer	current ultracold purchased in 2018 is at capacity already housing samples of \$2.5 million extramurally funded projects	\$ 23,870.00	0%	\$ 23,870.00
HRTM	Pete Mitchell	upgraded digital Rational Combi Oven	upgraded digital Rational Combi Oven for the Gerald Thomas 100 West Café Kitchen	\$ 28,157.65	0%	\$ 28,157.65
PES	Manoj Shukla, Colby Brungard, Don Edgar, Leslie Beck, Mahdi Haghshenas Jaryania	Drone and desktop computer with capabilities to analyze data,	enhance the Leyendecker a model COE for the state of New Mexico	\$ 31,000.00	0%	\$ 31,000.00
Family and Consumer Sciences	Insook Ahn	Enhance student design and work portfolio by technology (Body scanner)	This equipment will benefit for fashion and merchandising students as well as students from other majors who want to utilize those hardware.	\$ 31,478.00	0%	\$ 31,478.00
PES	Efen Delgado, Richard Pratt, Delia Valles-Rosales, Maria Castillo	Spray Dryer	to rapidly assess processes involving aqueous emulsions, solutions, suspensions, and colloids	\$ 34,786.00	0%	\$ 34,786.00
Animal and Range Sciences	Eric Scholljegerdes	portable automated livestock feeding system	This equipment will reduce land and labor requirements and increase our capacity to conduct cooperative research with our clientele.	\$ 64,440.00	0%	\$ 49,440.00
Animal Science Extension	Frannie Miller, Madhav Regmi, Greg Torell, Craig Gifford	Bloomberg Terminal	The Bloomberg terminal would be used to support all teaching, research, and extension. Bloomberg terminal access will improve access to global agricultural data, including AgFlow data.	\$ 54,379.56	0%	\$ 50,000.00
						<b>\$ 285,570.10</b>

**Total Requested: \$ 397,091.90**