

2010-2012
Competitive Grant

Awards			
Researcher	Department	Proposal Title	Funding Requested
Anderson, Nicole	Washington Co Extension	Native bumble bee abundance and foraging behavior in early blooming seed crops in the Willamette Valley	12,500.00
Bohnert, David	EOARC - Burns	Protein supplementation of low-quality forage: effects of amount and frequency of protein supplementation on ruminant performance and nutrient utilization	9,680.00
Cooke, Reinaldo	EOARC - Burns	Effects of energy supplementation frequency and forage quality on performance, reproductive, and metabolic responses of replacement beef heifers	12,500.00
Dreher, Theo	Microbiology	Improved identification of toxic cyanobacterial bloom populations	12,500.00
Dreves, Amy	Crop and Soil Science	The seasonal phenology of the spotted wing drosophila, a new invasive fruit pest - hibernation, spring emergence, and oviposition	12,465.00
Flowers, Michael	Crop and Soil Science	Alternative winter cereal crops for Western Oregon	12,500.00
Givan, Scott	Botany & Plant Pathology	Sequencing the hazelnut transcriptome	12,500.00
Hall, Jean	Veterinary Medicine	Inorganic selenium in salt-mineral mixes may be greatly degraded by moisture. Should we reconsider its use as a selenium source for beef cattle and sheep during wet weather months in Oregon?	12,500.00
Johnson, Dustin	Harney Co Extension	Evaluating dryland forage options and targeted grazing techniques for restoration of a Russian knapweed infested rangeland	12,500.00
Landgren, Chal	NWREC	Collection and testing of new genetic sources of Nordmann and Turkish fir for Oregon's Christmas tree industry	10,600.00
Ling, Qingyue	Food Innovation Center	Improving quality and dehydration of value-added blueberries using CO2 Laser processing technology	12,472.00
Mallory-Smith, Carol	Crop and Soil Science	Survey and identification of herbicide resistant hybrids of jointed goatgrass and clearfield wheat - year 2	12,500.00
Menino, Alfred	Animal Sciences	The role of antral follicle count and plasma anti-Mullerian hormone in puberty onset and reproductive performance in beef heifers fed rations supplemented with Oregon by-product feeds	11,000.00
Miller, Jeffrey	Rangeland Ecology and Mgt	The spotted wing drosophila in Oregon: Assessment of natural Enemies for implementation of biological control west of the Cascade mountains	12,500.00

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Petrie, Steve	CBARC	Development of winter safflower as a dryland crop for Eastern Oregon	11,780.00
Putnam, Melodie	OSU Plant Clinic	Hop stunt viroid assay development	12,445.00
Rao, Sujaya	Crop and Soil Science	Using GPS technology and soil fertility maps for determining plant nutrient factors correlated with choke disease incidence in orchardgrass fields in the Willamette Valley	12,500.00
Rao, Sujaya	Crop and Soil Science	Investigations on beneficial and pathogenic microorganisms in native bumble bee pollinators in Oregon crops	12,500.00
Ream, Walt	Microbiology	Improved biological control of crown gall disease on nursery plants	12,500.00
Rondon, Silvia	HAREC	Improved management of potato Purple Top disease: Development of treatment thresholds for the beet leafhopper in the Columbia Basin	8,832.00
Roseberg, Richard	KBREC	Moving <i>Euphorbia lagascae</i> from research plots to quasi-commercial oil seed production	12,474.00
Roseberg, Richard	KBREC	Mitigating the effects of reduced irrigation in the Klamath Basin	12,354.00
Sagili, Ramesh	Horticulture	Establishing economic threshold and epidemiology for <i>Nosema ceranae</i> , a relatively new species of microsporidian parasite in the honey bee for Oregon	11,900.00
Sarker, Mahfuzur	Veterinary Medicine	Inhibitory effects of potassium sorbate and sodium benzoate against <i>Clostridium perfringens</i> growth in meat products	12,500.00
Shearer, Peter	MCAREC	The spotted Wing Drosophila in Oregon: Assessment of natural enemies for implementation of biological control in the Mid-Columbia River Basin	12,500.00
Smiley, Richard	CBARC	Quantifying root-lesion nematodes (<i>Pratylenchus thornei</i>) in soil by real-time PCR	12,500.00
Vales, Isabel	Crop and Soil Science	Optimization of methodologies to systematically use molecular markers to select for resistance to the Columbia root-knot nematode early in the potato breeding program	12,140.00
Villarroel, Aurora	Animal Sciences	A pilot study to evaluate changes in milk parameters measureable with an in-line testing system in early lactation dairy cows with metabolic disorders	12,500.00
Walton, Vaughn	Horticulture	Understanding Spotted Wing Drosophila seasonal phenology on key small fruits in the PNW	12,500.00
Walton, Vaughn	Horticulture	Methods of control of <i>Cydia latiferreana</i> , filbertworm moth, in commercial hazelnut orchards	12,328.00

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Wu, Bo-Ming	COARC	Effects of weather conditions on ergot in Kentucky Bluegrass in Central Oregon	12,500.00
Yang, Wei	NWREC	Evaluate the fresh market quality of blueberries harvested by a novel mechanical harvester using compressed air	12,030.00
Zasada, Inga	Botany & Plant Pathology	Application of molecular techniques for the identification of root-lesion nematodes (<i>Pratylenchus spp.</i>) in Oregon	12,500.00
		TOTAL FUNDING FOR 14-16 CYCLE	400,000.00