

2011-2013
Competitive Grants

Awards			
Researcher	Department	Proposal Title	Funding Requested
Bobbe, Gerd	Animal Science	Yeast culture supplementation improves immune function in dairy cows	12,102.00
Sarker, Mahfuzur	Veterinary Medicine	Strategies to decontaminate bacterial spores on food processing surfaces	12,500.00
Hall, Jean	Veterinary Medicine	Can we demonstrate improved immune status in weaned beef calves fed selenium-fortified alfalfa hay in the preconditioning period?	12,500.00
Pastey, Manoj	Veterinary Medicine	Rapid and sensitive method using real-time PCR for diagnosis of infections by bovine parainfluenza virus 3 in clinical samples	12,500.00
Parke, Jennifer	Crop & Soil Science	Sustainable methods for disinfecting irrigation water in nurseries	12,500.00
Rao, Sujaya	Crop & Soil Science	Enhancing pollination in greenhouse crops in Oregon	12,500.00
Stephen, William	Crop & Soil Science	Assessment of native bee pollinators in Willamette Valley agroecosystems	11,424.00
Kleber, Markus	Crop & Soil Science	Designing an ethylene-neutral biochar as a substitute for vermiculite in the Oregon nursery industry	12,500.00
Leonard, Jeffrey	Crop & Soil Science	Development of a co-dominant marker for strawbreaker foot rot resistance gene Pch1 in wheat	12,200.00
Rao, Sujaya	Crop & Soil Science	Management of clover crownborer for enhancing red clover seed production in the Willamette Valley	12,500.00
Sullivan, Dan	Crop & Soil Science	Adding value to composts derived from dairy or horse manures via improved pH adjustment methodologies	12,500.00
Ross, Andrew	Crop & Soil Science	Marker assisted selection strategies for quality and nutritional attributes in wheat	12,500.00
Yilma, Solomon	Crop & Soil Science	Induced mutation and <i>in vitro</i> techniques as a method to screen drought tolerance in potatoes	12,192.00
Hayes, Patrick/Shellhammer, Tom/Parmigiani, John	Crop and Soil Science/Food Science and Technology/Engineering	New research perspectives and horizons for Oregon barley and malting	12,352.00
Bottomley, Peter	Microbiology	Contributions by ammonia-oxidizing archaea and bacteria to nitrification and loss of N in responses to soil conditions and cropping management	12,500.00
Martin, Robert	Horticulture - USDA	Characterization, detection and vector identification of blueberry fruit drop, blueberry mosaic and blueberry necrotic ring blotch viruses	12,500.00
Bruck, Denny	Horticulture - USDA	Identifying a compatible marker for studying movement of spotted wing <i>Drosophila</i> (<i>Drosophila suzukii</i>)	12,040.00
Sagili, Ramesh	Horticulture	Comprehensive evaluation of role of nutrition in honey bee colony losses	12,400.00
Golembiewski, Robert	Horticulture	Use of new soil amendment for reduced turfgrass water use, quicker turf establishment, and improved sod quality	12,500.00
Lambrinos, John	Horticulture	Determining the carbon allocation and sequestration of a mature blueberry field	12,384.00
Maier, Claudia	Chemistry	The effect of <i>In Vitro</i> mineral nutrition on raspberry growth, metabolism and mineral composition	12,500.00
Denver, Dee	Zoology (Col of Sci)	Mitochondrial genome sequencing and practical genetic resource development for 48 plant-parasitic nematode species	12,000.00

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Putnam, Melodie	Botany & Plant Pathology	<i>Botryosphaeria</i> detection and identification in grapevines, tree fruits and ornamental crops: improved assays	6,800.00
Wu, Bo-Ming	COARC	Developing integrated management strategies for powdery scab on potato crops	12,500.00
Smiley, Richard	CBARC	Developing a real-time PCR method to quantify cereal cyst nematodes in soil	12,500.00
Wooster, David	HAREC	Determining how the reactive nitrogen filtering capacity of riparian buffers affects stream water quality	12,500.00
Goyer, Aymeric	HAREC	Increasing marketability of Oregon potato varieties: targeting the B vitamins folate and thiamine	12,434.00
Yang, Wei	NWREC	Developing new insecticide delivery methods to control spotted wing drosophila (<i>Drosophila suzukii</i>) in commercial blueberries	11,500.00
Owen, James	NWREC	Suitability of anaerobic digested food-waste solids as a peat substitute for floriculture and nursery crop production in the Pacific Northwest	8,962.00
Cooke, Reinaldo	EOARC	Effects of carmelina meal supplementation on performance and health responses of beef cattle	12,500.00
Felix, Joel	Malheur Exp Station	Evaluation of Sweet Potato Cultivars and Irrigation Criteria	12,500.00
Downing, Troy	Tillamook Co Extension	The economics of grass-based dairying in Oregon	12,500.00
Anderson, Nicole	Washington Co Ext	The effect of trinexapac-ethyl plant growth regulator on seed yields of red clover crops in Western Oregon	12,500.00

TOTAL FUNDING FOR 11-13 CYCLE

398,790.00