

Researcher	Department	Proposal Title	Funding Requested
Menino, Alfred	Animal Science	Postpartum Reproductive Performance in Beef Heifers Fed Rations Supplemented with Oregon By-Product Feeds	\$ 7,500.00
Cherian, Gita	Animal Science	Developing Alternatives to Antibiotics in Poultry Diets	\$ 12,250.00
Bobe, Gerd	Animal Science	Visfatin: A Potential Link Between Metabolic and Infectious Diseases in Dairy Cows	\$ 12,102.00
Chang, Jeff	Botany & Plant Pathology	Identifying Candidate Virulence Factors of the Broad-Host Range Plant Pathogen, <i>Rhodococcus Fascians</i>	\$ 12,500.00
Gent, David	Botany & Plant Pathology - USDA	A New Perspective on an Old Management Approach: Modeling the Physical Activity of Fungicides for Downy Mildew on Hop	\$ 12,211.00
Sbatella, Gustavo	COARC	Potential Use of Desiccants and Defoliant as Harvest Aids for Direct Harvest of Hybrid Seed Carrot	\$ 12,000.00
Sbatella, Gustavo	COARC	Impact of Herbicide Applications for Exotic Annual Grass Control on Fuel Load Production and Plant Communities	\$ 12,200.00
Mallory-Smith, Carol	Crop & Soil Science	Herbicide Resistant Italian Ryegrass: Any Options Left?	\$ 12,500.00
Kling, Jennifer	Crop & Soil Science	Breeding Dual-Purpose Flax Varieties for Emerging Textile Markets in Oregon	\$ 12,425.00
Hayes, Patrick	Crop & Soil Science	Bringing Color and Novelty to Barley, Naturally: High Value Grain for Oregon Growers, New Products for Oregon Processors and Expanded Healthy Choices for all Oregonians	\$ 12,000.00
Leonard, Jeffery	Crop & Soil Science	Isolation of High-Amylose Wheat Lines Deficient in Starch Branching Enzyme Ila	\$ 12,308.00
Ross, Andrew	Crop & Soil Science	Tracing the Source of Widespread Low FN Wheats: an Alternative Hypothesis	\$ 12,500.00
Kleber, Markus	Crop & Soil Science	Engineered Biochar to Replace Peat in Potting Media	\$ 12,500.00

Researcher	Department	Proposal Title	Funding Requested
Yilma, Solomon	Crop & Soil Science	Molecular Marker Assisted Pyramiding of Genes for Extreme Resistance (ER) to PVY (Ry _{adg}), ER to PVX (Rx1), and Resistance to Columbia Root-Knot Nematode (R _{Mc1(blb)}) in Potato	\$ 12,200.00
Sullivan, Dan	Crop & Soil Science	Control of Phytophthora Root Rot Disease of Blueberry Using Biocontrol Agents, Biofungicides and Varietal Resistance	\$ 12,500.00
Parke, Jennifer	Crop & Soil Science	Solarization and Biocontrol to Eliminate <i>Phytophthora</i> spp. From Infested Soil in an Oregon Container Nursery	\$ 12,500.00
Townsend, Shaun	Crop & Soil Science	Hop Cone Quality and Chemical Profile Using a Modified Drying Protocol for Wet Cones	\$ 12,405.00
Cooke, Reinaldo	EOARC - Burns	Comparison of Energy or Protein Supplementation to Beef Heifers	\$ 12,500.00
Mueller, Chad	EOARC - Union	Growth and Metabolic Characteristics of Short-Fed Market Claves Grand-sired by Either Forage- or Grain-Based Sires	\$ 12,500.00
Zhao, Yanyun	Food Science & Technology	Developing Nano-Composite Coatings of Cellulose and Calcium Carbonate to Prevent Moisture Loss and UV Damage to Fruit Crops	\$ 12,500.00
Rondon, Silvia	HAREC	New Emerging Pest in the Pacific Northwest: The Potato Psyllid and the Pathogen <i>Candidatus Liberibacter Solanacearum</i>	\$ 12,500.00
Goyer, Aymeric	HAREC	Identification of Quantitative Traits to Assist in Selection of Potatoes with Enhanced Nutritional Value	\$ 12,500.00
Sagili, Ramesh	Horticulture	Regulation of Swarming and Queen Rearing in Honey Bee Colonies	\$ 12,500.00
Miller, Jeffrey	Horticulture	Accelerated Testing of Non-Target Species for Establishing Biological Control of <i>Halyomorpha Halys</i> , the Brown Marmorated Stinkbug, A New Exotic Pest in Oregon	\$ 12,500.00

Researcher	Department	Proposal Title	Funding Requested
Peachy, Ed	Horticulture	Integrated Strategies to Improve Weed Control in Table Beets and Chard	\$ 12,414.00
Stone, Alexandra	Horticulture	Management of Fusarium Wilt of Cucurbits with Vetch Cover Cropping	\$ 11,430.00
Thompson, Maxine	Horticulture	Pollination Biology of Haskap, a Potential New Berry Crop for the Northwest	\$ 11,566.00
Walton, Vaughn	Horticulture	Poultry for Orchard Pest Management	\$ 12,500.00
Bruck, Denny	Horticulture - USDA	Utilizing Protein Marker Technology for Studying Movement of Spotted Wing <i>Drosophila (Drosophila Suzukii)</i> in the Field	\$ 12,450.00
Contreras, Ryan	Horticulture - USDA	In Vitro Chromosome Doubling of Common Cherry Laurel and Norway Maple	\$ 12,367.00
Sikora, Aleksandra	Pharmacy	Targeting the Type II Secretion System for Natural Product Treatments Against Plant-Pathogenic Bacteria	\$ 12,500.00
Sarker, Mahfuzur	Veterinary Medicine	The Inhibitory Effect of Chitosan Against Germination and Outgrowth of <i>Clostridium Perfringens</i> Spores in Meat Products	\$ 12,500.00
Hase, Claudia	Veterinary Medicine	Development of an ELISA-Based Detection Assay for the <i>Vibrio Tubiashii</i> Metalloprotease	\$ 12,500.00
Pastey, Manoj	Veterinary Medicine	Validation of PCR-based Mastitis Test for the Detection of Mastitis Caused by 12 Groups of Bacterial Pathogens in Milk Samples Collected From Dairy Farms	\$ 12,500.00
Anderson, Nicole	Yamhill County Extension	The Effect of Boron on Flower Formation and Seed Yield and Quality of Red Clover Crops in Western Oregon	\$ 12,500.00

TOTAL FUNDING FOR 12-14CYCLE

\$ 427,328.00