

Principal Investigator	University	Project Title	Funder	Funding	Oregon BEST Match	Fiscal Year
Conley, John	OSU	Intel Equipment Donation Match	Intel	\$ 103,000	\$ 30,000	2011-2012
Ideker, Jason	OSU	Use of Sustainable Cementitious Products in Building Components for the Oregon Sustainability Center	Oregon BEST Sustainable Built Environment Research Consortium	\$ 18,488	\$ 3,263	2011-2012
Junker, Joseph	OSU	Towards an Implementation Strategy of Energy Saving Industrial Manufacturing Processes and Technologies in the Pacific Northwest	US Department of Energy	\$ 300,000	\$ 35,000	2011-2012
Liu, Shih-Yuan	UO	Novel Carbon(C)-Boron(B)-Nitrogen(N)-Containing H2 Storage Materials	Department of Energy: Energy Efficiency & Renewable Energy	\$ 2,000,000	\$ 200,000	2011-2012
Thomas, Evan	PSU	Pilot Study Assessing the Feasibility and Value of Remote Instrumentation Systems	Mercy Corps	\$ 63,353	\$ 6,000	2011-2012
von Juoanne, Annette	OSU/OIT	Advanced Life Extending Control of Multiple Energy Storage Solutions to Reduce Load-Following Dependency and Wear on the Hydro-Power System	Bonneville Power Administration	\$ 515,500	\$ 50,000	2011-2012
Kamke, Fred	OSU	NSF I/U CRC - Wood Composites	National Science Foundation & Industry	\$ 1,250,000	\$ 75,000	2010-2012*

Cal, Raul	PSU	Interactions of a Wind Turbine Array with a Thermally Stratified Atmospheric Boundary Layer: Flow Structures, Energy Fluxes and Modal Behavior	National Science Foundation	\$ 300,000	\$ 30,000	2010-2011
Chang, Chih-hung	OSU	Develop a Low-cost Manufacturing Process for High Efficiency CIGS Thin Film PVs	Daegu Gyeongbuk Institute of Science and Technology	\$ 170,000	\$ 3,000	2010-2011
Chang, Chih-hung	OSU	Production of Nanoscale Solar Energy Materials using a Solar Microreactor	National Science Foundation: EARly-concept Grants for Exploratory Research (EAGER)	\$ 100,000	\$ 5,000	2010-2011
Conley, John	OSU	Installation and Startup of an Arradiance GEMSTAR ALD System	Arradiance	\$ 61,811	\$ 20,106	2010-2011
Kevan, Steve	UO	Enhanced Photovoltaic Efficiency through Heterojunction Assisted Impact Ionization	National Science Foundation	\$ 1,294,414	\$ 74,389	2010-2011
Thomas, Evan	PSU	Monitoring Occupant Water Usage Practices to Inform Technology Selection Oregon Sustainability Center	Oregon BEST Sustainable Built Environment Research Consortium	\$ 26,605	\$ 4,507	2010-2011
Turner, Irem	OSU/ UO	Developing a system analysis and integration framework for early design trades in sustainable building design: Phase 1	Northwest Energy Efficiency Alliance	\$ 16,075	\$ 1,418	2010-2011
Vignola, Frank	UO	Solar Resource Measurements for the Pacific Northwest	National Renewable Energy Laboratory	\$ 62,500	\$ 5,799	2010-2011

Vignola, Frank	UO	2011 operating support for SRML	Bonneville Power Administration	\$ 122,020	\$ 12,202	2010-2011
Wamser, Carl	PSU	Undergraduate Research Assistants for Integrating Green Roofs and Photovoltaic Arrays for Energy Management and Optimization of Multiple Functionalities	National Science Foundation	\$ 15,000	\$ 3,000	2010-2011
Yokochi, Alex	OSU	Improved Wind Energy Integration through Advanced Forecasting and More Effective Control and Coordination of Energy Storage Systems	Bonneville Power Administration, Portland General Electric, National Science Foundation, Grainger Center for Electric Machinery and Electromechanics	\$ 438,210	\$ 43,000	2010-2011
Strauss, Steve	OSU	Feasibility of Biopolymer Production in Poplar	Sun Grant	\$ 157,504	\$ 15,750	2009-2011*
Ashford, Scott	OSU	OSU-Iraqi University Engineering Faculty Exchange on Green Building Systems	Mater Foundation, Honeywell, US Dept of State, US Dept of Defense	\$ 270,000	\$ 27,000	2009-2010
Murthy, Ganti	OSU	Life Cycle, Sustainability and Economic Analysis of Cellulosic Ethanol from Grass Straw in Pacific Northwest US	US Department of Transportation - Sun Grant	\$ 146,574	\$ 14,657	2009-2010
Richmond, Gerry	UO	Equipment for synthesis and characterization of nanostructured thin films for improved solar energy efficiency	Murdock Trust	\$ 463,050	\$ 42,500	2009-2010

Rorrer, Greg	OSU	Carbon Balance for Capture of Flue Gas Greenhouse Gases by Microalgae	Portland General Electric	\$ 25,000	\$ 5,717	2008-2009
Wamser, Carl	PSU	Integrating Green Roofs and Photovoltaic Arrays for Energy Management and Optimization of Multiple Functionalities	National Science Foundation & Industry	\$ 364,000	\$ 36,400	2008-2009
Yokochi, Alex	OSU	Wind Integration Research, Demonstration and Exploration	Bonneville Power Administration	\$ 357,640	\$ 35,764	2008-2009
* Payment divided over three fiscal year periods						