Awards by NRCCE PI for FY16- Note: does not include WVU Foundation awards; does not include awards where an NRCCE staff member is a co-PI on an award in another college

LAST NAME	FIRST NAME	DEPARTMENT	COI	TITLE	SPONSOR NAME	SPONSOR TYPE	ACTIVITY TYPE	DURATION		AMOUNT
Zemkiewicz	Paul	Environmental Technology	James T. Anderson, Jeffrey Todd Petty, Richard B Thomas, Nicolas Zegre	WVWRI USGS 104b 2015 Announcement-G16AS00017 for FY 16 State Water Resources Research Institute Program	US Dol-Geological Survey	Federal	Basic Research	03/01/2016	02/28/2017	$92,335.00
Konan	N'Dri	NRCCE-Director's Office	Richard Bajura	Carrier Separation and Gas Seal Models (Activity No. 4000.3.684.051.002.211.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$22,000.00
Konan	N'Dri	NRCCE-Director's Office	Richard Bajura	Carrier Separation and Gas Seal Models (Activity No. 4000.3.684.051.002.211.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$9,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Operation of National Energy Technology Small-Scale, Circulating Fluidized Bed for Code Validation (Activity No. 4000.3.671.052.003.331.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$2,500.00
Gopalan	Balaji	NRCCE-Director's Office	Richard Bajura	Operation of National Energy Technology Small-Scale, Circulating Fluidized Bed for Code Validation (Activity No. 4000.3.671.052.003.331.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$5,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard Bajura	Operation of National Energy Technology Small-Scale, Circulating Fluidized Bed for Code Validation (Activity No. 4000.3.671.052.003.331.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	08/31/2015	$6,000.00
Venna	Surendar	NRCCE-Director's Office	Richard Bajura	Fiber Development and Fabrication of Mixed Matrix Membranes (Activity No. 4000.5.611.070.003.533.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	08/31/2015	$13,000.00
Venna	Surendar	NRCCE-Director's Office	Richard Bajura	Testing of Structured Polymer Films (Activity No. 4000.5.611.070.003.543.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	08/31/2015	$13,000.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Discrete Element Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.003.211.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	08/31/2015	$6,000.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard A Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Discrete Element Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.003.211.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$3,000.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Discrete Element Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.003.211.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$6,000.00
Konan	N'Dri	NRCCE-Director's Office	Richard Bajura	Dense Phase Carrier Transport Models (Activity No. 4000.3.684.051.002.212.000. 005)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$13,000.00
Konan	N'Dri	NRCCE-Director's Office	Richard Bajura	Dense Phase Carrier Transport Models (Activity No. 4000.3.684.051.002.212.000. 005)	URS Corporation	Industry	Basic Research	11/15/2014	11/30/2015	$15,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Hanford Bechtel V&V Review Support (Activity No. 4000.6.670.998.001.511.000. nnn)	URS Corporation	Industry	Applied Research	09/01/2015	11/30/2016	$22,670.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Hanford Bechtel V&V Review Support (Activity No. 4000.6.670.998.001.511.000. nnn)	URS Corporation	Industry	Basic Research	09/01/2015	11/30/2015	$15,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Hanford Bechtel V&V Review Support (Activity No. 4000.6.670.998.001.511.000. nnn)	URS Corporation	Industry	Basic Research	09/01/2015	11/30/2015	$15,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Hanford Bechtel V&V Review Support (Activity No. 4000.6.670.998.001.511.000. nnn)	URS Corporation	Industry	Applied Research	09/01/2015	04/30/2016	$22,670.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Hanford Bechtel V&V Review Support (Activity No. 4000.6.670.998.001.511.000. nnn)	URS Corporation	Industry	Basic Research	09/01/2015	02/29/2016	$34,000.00
Mahapatra	PriyadarsHi	NRCCE-Director's Office	Richard A Bajura	Advanced Process Control Framework (Activity No. 4000.2.673.062.001.614.000. nnn)	URS Corporation	Industry	Basic Research	11/16/2015	12/31/2015	$17,500.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard A Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Multiphase Particle-in-Cell Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.004.212.000. nnn)	URS Corporation	Industry	Applied Research	12/01/2015	05/31/2016	$18,500.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard A Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Multiphase Particle-in-Cell Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.004.212.000. nnn)	URS Corporation	Industry	Applied Research	12/01/2015	11/30/2016	$10,000.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard A Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Discrete Element Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.004.211.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	11/30/2016	$10,000.00
Dietiker	Jean-Francois	NRCCE-Director's Office	Richard A Bajura	Development of Reacting Multiphase Flow with Interphase eXchanges-Discrete Element Model for Large Scale Gasifier Simulation (Activity No. 4000.3.671.052.004.211.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	05/31/2016	$19,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Operation of National Energy Technology Laboratory Small-Scale, Circulating Fluidized Bed for Code Validation (Activity No. 4000.3.671.052.004.252.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	11/30/2016	$10,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard A Bajura	Operation of National Energy Technology Laboratory Small-Scale, Circulating Fluidized Bed for Code Validation (Activity No. 4000.3.671.052.004.252.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	05/31/2016	$9,750.00
Konan	N'Dri	NRCCE-Director's Office	Richard A Bajura	Cyclone and Gas Seal Models (Activity No. 4000.3.684.051.002.211.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	05/31/2016	$15,000.00
Konan	N'Dri	NRCCE-Director's Office	Richard A Bajura	Cyclone and Gas Seal Models (Activity No. 4000.3.684.051.002.211.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	11/30/2016	$25,000.00
Konan	N'Dri	NRCCE-Director's Office	Richard A Bajura	Solid-Solid Separation and Reactor Design Models (Activity No. 4000.3.684.051.002.213.000. nnn)	URS Corporation	Industry	Basic Research	12/01/2015	05/31/2016	$15,000.00
Konan	N'Dri	NRCCE-Director's Office	Richard A Bajura	Solid-Solid Separation and Reactor Design Models (Activity No. 4000.3.684.051.002.213.000. nnn)	URS Corporation	Industry	Applied Research	12/01/2015	11/30/2016	$45,000.00
Mahapatra	PriyadarsHi	NRCCE-Director's Office	Richard A Bajura	Process Control for Pilot #1 (Activity No. 4000.2.673.070.001.223.000. nnn)	URS Corporation	Industry	Basic Research	01/01/2016	11/30/2016	$52,000.00
Mahapatra	PriyadarsHi	NRCCE-Director's Office	Richard A Bajura	Process Control for Pilot #1 (Activity No. 4000.2.673.070.001.223.000. nnn)	URS Corporation	Industry	Basic Research	01/01/2016	05/31/2016	$28,000.00
Mahapatra	PriyadarsHi	NRCCE-Director's Office	Richard A Bajura	Process Control for Pilot #2 (Activity No. 4000.2.673.070.001.323.000. nnn)	URS Corporation	Industry	Basic Research	01/01/2016	05/31/2016	$22,000.00
Bajura	Richard	NRCCE-Director's Office		Experimental Analytical Support for Pressure Gain Combustion Research at NETL (Activity No. 4000.3.622.051.002.211.000. nnn)	URS Corporation	Industry	Applied Research	02/08/2016	11/30/2016	$45,000.00
Bajura	Richard	NRCCE-Director's Office		Experimental Analytical Support for Pressure Gain Combustion Research at NETL (Activity No. 4000.3.622.051.003.211.000. nnn)	URS Corporation	Industry	Applied Research	02/08/2016	05/31/2016	$15,000.00
Bajura	Richard	NRCCE-Director's Office		Experimental Analytical Support for Pressure Gain Combustion Research at NETL (Activity No. 4000.3.622.051.002.211.000. nnn)	URS Corporation	Industry	Applied Research	02/08/2016	11/30/2016	$20,000.00
Gopalan	Balaji	NRCCE-Director's Office	Richard Bajura	Hanford Bechtel V&V Review Support (Activity No. 4000.6.670.998.001.511.000. nnn)	URS Corporation	Industry	Basic Research	11/15/2014	08/31/2015	$32,578.00
Irwin	Caulton	Market Enhancement and Program Development Division		U.S. DOE AMO Support for the 2015 TTE Business Development Conference	US Department of Energy (DoE)	Federal	Service	09/24/2012	11/06/2015	$15,000.00
Fillhart	Jason	Environmental Technology	Jennifer Duncan Hause	WVS10 Swamp Run Amendment (to include WVS28 Funds)	WV-Department of Environmental Protection	State	Basic Research	10/01/2015	06/30/2016	$146,915.00
O'Neal	Melissa	Environmental Technology	Jason Eugene Fillhart	WVS10 Swamp Run Amendment (to include WVS28 Funds)	WV-Department of Environmental Protection	State	Basic Research	10/01/2015	09/30/2016	$72,085.00
Vandivort	Tamara	Environmental Technology		WVU Extension NET Website Content Management Assistance	Appalachian Institutes for Water Resources, Inc.	Other	Other	07/01/2014	06/30/2016	$7,500.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	NREL Natural Gas eLearning Course Development	Alliance for Sustainable Energy LLC-National Renewable Energy Laboratory	Other	Service	01/01/2015	12/31/2015	$3,354.84
Zemkiewicz	Paul	Environmental Technology	Thomas H Wilson, Ilkem Bilgesu, Michael McCawley	WVU Support of Ohio State University - Utica Shale Energy and Environment Laboratory	Ohio State University	Other	Basic Research	11/02/2015	07/31/2016	$100,000.00
Moore	Judy	National Alternative Fuels Training Consortium	William Andrew Davis	Alternative Fuel Vehicle Curriculum Development & Outreach Initiative	US Department of Energy (DoE)	Federal	Instruction	06/01/2015	05/31/2017	$800,000.00
Irwin	Caulton	Market Enhancement and Program Development Division		Appalachian Regional Commission Support for the 2015 TTE Conference	US-Appalachian Regional Commission	Federal	Other	10/01/2015	09/30/2016	$10,000.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	NCTCOG "Filling Critical Gaps through Innovative Cost-Effective Training"	North Central Texas Council of Governments	Other	Instruction	09/01/2015	09/14/2016	$145,352.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	Central Florida AFV Deployment Initiatives	University of Central Florida	Other	Instruction	09/01/2015	08/15/2016	$10,000.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	Central Florida AFV Deployment Initiatives	University of Central Florida	Other	Service	09/01/2015	08/15/2016	$16,852.00
Iwan	Gerald	Environmental Services Center		Knowledge is the Basis for Change: Objective Information for America's Small Water Systems; a National Drinking Water Education Resource Project	USDA-Rural Utilities Service	Federal	Service	10/01/2015	09/30/2016	$200,000.00
Irwin	Caulton	Market Enhancement and Program Development Division		Federal Reserve Bank of Richmond Support for the 2015 TTE Conference	Federal Reserve Bank of Richmond	Other	Other	10/01/2015	12/31/2015	$2,000.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	PA State Fire Academy Alternative Energy Emergency Response Training Program	Commonwealth of Pennsylvania	Other	Instruction	09/20/2015	05/31/2016	$25,889.00
Zemkiewicz	Paul	Environmental Technology	Jason Eugene Fillhart, Melissa O'Neal	Martin Creek Dosing: A Watershed Scale Approach to AMD Remediation	WV-Department of Environmental Protection	State	Basic Research	07/01/2015	06/30/2016	$638,000.00
Zemkiewicz	Paul	Environmental Technology	Jason Eugene Fillhart, Melissa O'Neal	Martin Creek Dosing: A Watershed Scale Approach to AMD Remediation	WV-Department of Environmental Protection	State	Basic Research	07/01/2015	12/31/2016	$500,000.00
Zemkiewicz	Paul	Environmental Technology	Jason Eugene Fillhart, Melissa O'Neal	WVJ45 Lambert Run Watershed Based Plan	WV-Department of Environmental Protection	State	Basic Research	03/01/2016	09/30/2018	$56,043.00
Zemkiewicz	Paul	Environmental Technology	Yonglian Thomas He, Xingbo Liu, Aaron Noble	ETD-30: Recovery of Rare Earth Elements (REEs) from Coal Mine Drainage	US DOE-National Energy Technology Laboratory	Federal	Basic Research	03/01/2016	08/31/2017	$600,000.00
Zemkiewicz	Paul	Environmental Technology	Yonglian Thomas He, Xingbo Liu, Aaron Noble	ETD-30: Recovery of Rare Earth Elements (REEs) from Coal Mine Drainage	US DOE-National Energy Technology Laboratory	Federal	Basic Research	03/01/2016	08/31/2017	$249,994.00
Moore	Judy	National Alternative Fuels Training Consortium	William Andrew Davis	WV Clean State CNG (AFV) Workshops	WV DoC-Division of Energy	State	Instruction	10/01/2015	09/30/2016	$12,000.00
He	Yonglian	Environmental Technology	Paul F Zemkiewicz	Controlling NORM Precipitation During Flowback/Produced Water Treatment	EQT Production Company	Industry	Basic Research	12/07/2015	06/30/2016	$15,013.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	City of McFarland Natural Gas and Electric Vehicle Training	City of McFarland	Other	Instruction	01/01/2016	06/30/2016	$14,896.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	Fox Valley Technical College Electric Drive Vehicle Training	Fox Valley Technical College	Other	Instruction	12/21/2015	06/30/2016	$13,536.00
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	Greater Indiana Clean Cities Fire, Law, EMS & Propane Training	Greater Indiana Clean Cities Coalition, Inc.	Other	Instruction	01/01/2016	09/30/2016	$30,739.00
Zemkiewicz	Paul	Environmental Technology		West Virginia Land Stewardship Corporation Technical Assistance Support Proposal	West Virginia Land Stewardship Corporation	Other	Service	01/01/2016	06/30/2017	$80,173.07
Smyth	Micheal	National Alternative Fuels Training Consortium	William Andrew Davis	Louisiana Clean Fuels Outreach	Louisiana Clean Fuels	Other	Service	03/01/2016	12/30/2016	$9,444.00
Smyth	Micheal	National Alternative Fuels Training Consortium		Kentucky Clean Fuels First Responder Training	Kentucky Clean Fuels Coalition	Other	Instruction	03/01/2016	09/30/2016	$11,073.00
Zemkiewicz	Paul	Environmental Technology		BIF-SB WVLSC-OSR Special Reclamation Program Assistance Pilot Project: Lefcowe Fuels	West Virginia Land Stewardship Corporation	Other	Service	03/01/2016	01/28/2017	$23,815.87

Row Labels	Sum of DIRECT AMOUNT	Sum of INDIRECT AMOUNT	Sum of TOTAL AMOUNT	Sum of SUBCONTRACT AMOUNT
Environmental Technology	$2,041,119.60	$440,754.34	$2,481,873.94	$362,802.00
Market Enhancement and Program Development Division	$27,000.00	$0.00	$27,000.00	$0.00
National Alternative Fuels Training Consortium	$887,213.67	$205,922.17	$1,093,135.84	$45,000.00
National Environmental Services Center	$150,943.00	$49,057.00	$200,000.00	$0.00
NRCCE-Director's Office	$513,624.00	$133,544.00	$647,168.00	$0.00
Grand Total	**$3,619,900.27**	**$829,277.51**	**$4,449,177.78**	**$407,802.00**