Research Development & Services

ADF - New Research and Scholarly Initiative Awards - Major Grant Results

November 2012

Assigned ID	PI Name		Department	Faculty	Project Title	Award
Biosciences						
13-101	Allman	B.	Anatomy Cell Biology	Medicine & Dentistry	*Tinnitus Induced by Loud Noise Exposure: Neural Basis and Role of Chronic Stress*	$52,824.00
Co-applicants:						
13-103	Birmingham	T.	Physical Therapy	Health Sciences	*Western's Shared Osteoarthritis Biomarker Registry*	$92,257.00
Co-applicants:	Giffin	J. R.	Surgery	Medicine & Dentistry		
13-105	Carrilho	M.	Dentistry	Medicine & Dentistry	*Role of proteolytic enzymes in degradation of dentin matrix*	$59,735.00
Co-applicants:	Beier	F.	Physiology & Pharmacology	Medicine & Dentistry		
13-107	Dikeakos	D.J.	Microbiology & Immunology	Medicine & Dentistry	*The University of Western Ontario Baculovirus Protein Expression Facility*	$42,610.00
Co-applicants:						
13-123	Power	N.	Surgery	Medicine & Dentistry	*Plasma Tumor Microparticles for Diagnosis in Male Testicular Neoplasms*	$33,912.00
Co-applicants:	Leong	H.	Oncology	Medicine & Dentistry		
13-129	Way	D.	Biology	Science	*Do future climate change scenarios decrease tree drought tolerance?*	$23,206.00
Co-applicants:						
					Biosciences	**$304,544.00**

Research Development & Services

ADF - New Research and Scholarly Initiative Awards - Major Grant Results

November 2012

Assigned ID	PI Name		Department	Faculty	Project Title	Award
Physical & Mathematical Sciences, and Engineering						
13-203	Gilroy	J.	Chemistry	Science	*An Inert Atmosphere Electrochemistry Facility for the Synthesis and Characterization of Multifunctional Polymeric Materials with Application in Alternative Energy Technologies*	$69,857.00
Co-applicants:						
13-206	Hudson	R.	Chemistry	Science	*Contrast Agents for the Detection of Nitric Oxide Synthase (NOS) Enzymatic Activity by PARACEST MRI*	$69,000.00
Co-applicants:	Bartha	R.	Robarts Research Institute	Medicine & Dentistry		
13-209	Kuboki	T.	Mechanical & Materials Engg	Engineering	*Micro Manufacturing System for Novel Composite Materials*	$149,900.00
Co-applicants:						
13-216	Trejos	A. L.	Electrical & Computer Engg	Engineering	*Development of a Mechatronic Brace for the Treatment of Repetitive Strain Injury of the Hand*	$76,036.00
Co-applicants:						
					Physical & Mathematical Sciences, and Engineering	**$364,793.00**
Social Sciences, Arts and Humanities						
13-301	Ansari	D.	Psychology	Social Science	*A Systematic Description of the Mathematics Skills of Individuals with Autism Spectrum Disorders: Is Mathematical Ability Predictive of Adaptive Functioning?*	$63,750.00
Co-applicants:	Nicolson	R.	Psychiatry	Medicine & Dentistry		

Research Development & Services

ADF - New Research and Scholarly Initiative Awards - Major Grant Results

November 2012

Assigned ID	PI Name		Department	Faculty	Project Title	Award
13-302	Choi	K.	Sociology	Social Science	*Mexican Migration and Birth Outcomes: The Healthy Migrant Hypothesis Revisited through a Binational Lens*	$22,272.00
Co-applicants:						
13-303	Huey	L.	Sociology	Social Science	*Resiliency Formation in the Lives of Homeless Women*	$90,248.00
Co-applicants:	Hoaken	P.	Psychology	Social Science		
					Social Sciences, Arts and Humanities	**$176,270.00**
					TOTAL:	**$845,607.00**