Research Development & Services

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

November 2010

Assigned ID	PI Name		Department	Faculty	Project Title	Award
Biosciences						
11-105	Choy	W.	Biochemistry	Medicine & Dentistry	*Rotor and Cells for Analytical Ultracentrifuge*	$48,106.00
Co-applicants:	Several					
11-106	Creuzenet	C.	Microbiology & Immunology	Medicine & Dentistry	*Spectrophotometer for enzymology of novel bacterial proteins*	$33,991.00
Co-applicants:						
11-108	Dhanvantari	S.	Medical Biophysics	Medicine & Dentistry	*Molecular Imaging of Diabetic Cardiomyopathy: A New Interdisciplinary Initiative*	$40,256.00
Co-applicants:	Luyt	L.	Chemistry	Science		
	Charkrabarti	S.	Pathology	Medicine & Dentistry		
11-113	Lajoie	G.	Biochemistry	Medicine & Dentistry	*Nanoflow Liquid Chromatography System for Separation of Complex Protein Mixtures Prior to Analysis by Mass Spectrometry*	$76,643.00
Co-applicants:	Li, Shaw and Litchfield		Biochemistry	Medicine & Dentistry		
	Valvano	M.	Microbiology & Immunology	Medicine & Dentistry		
	Postovit	L.	Anatomy & Cell Biology	Medicine &Dentistry		
11-122	Prado	V.	Physiology & Pharmacology	Medicine & Dentistry	*HPLC system for neurochemical measurements*	$60,873.00
Co-applicants:	Rylett	J.	Physiology & Pharmacology	Medicine & Dentistry		
	Prado	A. M.	Physiology & Pharmacology	Medicine & Dentistry		
11-123	Rodenhiser	D.	Paediatrics	Medicine & Dentistry	*Initiative in Environmental Epigenetics using Xenopus*	$80,235.00
Co-applicants:	Drysdale	T.	Paediatrics	Medicine & Dentistry		
	Damjanovski	S.	Paediatrics	Medicine & Dentistry		

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11-125	Seguin	C.	Physiology & Pharmacology	Medicine & Dentistry	*Development of transgenic technologies to study pluripotency and stem cell fate*	$25,770.00
Co-applicants:	Betts	D.	Physiology & Pharmacology	Medicine & Dentistry		
	Hess	D.	Physiology & Pharmacology	Medicine & Dentistry		
	Postovit	L.	Anatomy & Cell Biology	Medicine & Dentistry		
					Biosciences	**$365,874.00**

Physical & Mathematical Sciences, and Engineering

11-201	Campbell-Brown	M.	Physics & Astronomy	Science	*Spectral determination of meteoroid grain composition*	$24,615.00
Co-applicants:						
11-204	Fanchini	G.	Physics & Astronomy	Science	*Organic solar cell nanofabrication facility*	$132,840.00
Co-applicants:						
11-205	Gillies	E.	Chemistry	Science	*Multimodal Microplate Reader for the Study of Biomaterials*	$69,732.00
Co-applicants:	Rehmann	L.	Chemical & Biochemical Engg	Engineering		
	Stillman	M.	Chemistry	Science		
11-208	Hutter	J.	Physics & Astronomy	Science	*Atomic Force Microscopy System for Biomineralization and Nanomechanical Studies*	$120,000.00
Co-applicants:	Several					
11-210	Moreno Maza	M.	Computer Science	Science	*High-performance Computer Algebra Support for Studying Dynamics of Vector Fields Application to the Hilbert 16th Problem*	$50,000.00
Co-applicants:	Corless	R.	Applied Mathematics	Science		
	Yu	P.	Applied Mathematics	Science		

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11-215	Secco	R.	Earth Sciences	Science	*Acoustic Emission System for Micro-Seismicity Studies at High Pressures and Temperatures: Listening to Deep Earth Rumbles*	$11,668.00
Co-applicants:						
11-218	Siddiqui	K.	Mechanical & Materials Engg	Engineering	*Low disturbance wind tunnel*	$58,990.00
Co-applicants:	Floryan	J. M.	Mechanical & Materials Engg	Engineering		
	Savory	E.	Mechanical & Materials Engg	Engineering		
	Straatman et al	A.G.	Mechanical & Materials Engg	Engineering		
11-220	Song	Y.	Chemistry	Science	*UV and ruby fluorescence optical systems for high-pressure chemistry*	$72,101.00
Co-applicants:						
11-221	Yang	J.	Mechanical & Materials Engg	Engineering	*Developing an all-in-one material printing process for fabrication of low-cost Lab-on-a-CD device for multiple and parallel blood analyses*	$54,817.00
Co-applicants:						
					Physical & Mathematical Sciences, and Engineering	**$594,763.00**

Social Sciences, Arts and Humanities

11-301	Bruhn de Garavito	J.	Modern Languages & Literature	Arts & Humanities	*Bilinguals as agents of language change*	$45,157.00
Co-applicants:	Perpinan	S.	Modern Languages & Literature	Arts & Humanities		
11-302	Carter	M.	Classical Studies	Arts & Humanities	*A New Tool for the Study of Vergil*	$29,585.00
Co-applicants:						

Research Western

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Assigned ID	PI Name		Department	Faculty	Project Title	Award
11-305	Neal	D.		FIMS	*Canadian emerging adult-informed online mental health information access techniques and preferences*	$46,852.00
Co-applicants:						
11-307	Quan-Haase	A.	Sociology	Social Science	*Electronic Networks of Exchange and Tools for Scholarship in the Humanities (ENETS-H)*	$46,979.00
Co-applicants:	Suarez	J. L.	Sociology	Social Science		
					Social Sciences, Arts and Humanities	**$168,573.00**
					TOTAL:	**$1,129,210.00**