Western

# Research Development & Services

## ADF - New Research and Scholarly Initiative Awards - Small Grant Results

**March 2012**

| Assigned ID | PI Name | | Department | Faculty | Project Title | Award |
|---|---|---|---|---|---|---|
| **Biosciences** | | | | | | |
| SG12-04 | Cramp | A. | Health Studies | Health Sciences | *Fitness for Two: A Postnatal Exercise eHealth Intervention* | $8,092.00 |
| **Co-applicants:** | Burke | S. | Health Studies | Health Sciences | | |
| | Kossert | A. | Kinesiology | Health Sciences | | |
| SG12-08 | Gelman | N. | Medical Biophysics | Medicine & Dentistry | *Correction of Geometric Distortion in Magnetic Resonance Images of the Breast* | $7,897.00 |
| **Co-applicants:** | | | | | | |
| SG12-10 | Holmes | J. | Occupational Therapy | Health Sciences | *The influence of proprioceptive sensory insoles on balance, freezing of gait, and falls among individuals with Parkinson's disease* | $7,962.00 |
| **Co-applicants:** | Jenkins | M. E. | Clinical Neurological Sciences | Medicine & Dentistry | | |
| | Johnson | A. M. | Health Studies | Health Sciences | | |
| SG12-12 | Hutnik | C. M. | Ophthalmology & Pathology | Medicine & Dentistry | *Mechanisms underlying excess matrix deposition in the trabecular meshwork in glaucoma* | $8,045.00 |
| **Co-applicants:** | Parapuram | S. | Lawson Health Research Institute | Medicine & Dentistry | | |
| SG12-16 | MacDougall-Shackleton | S. | Psychology | Social Science | *Perinatal stress and cerebral myelination: Consequences for communication and cognition* | $8,064.00 |
| **Co-applicants:** | | | | | | |
| SG12-21 | O'Gorman | D. B. | Surgery & Biochemistry | Medicine & Dentistry | *The roles of DNA methylation in the pathogenesis of Dupuytren's disease - a pilot study* | $8,160.00 |
| **Co-applicants:** | Gan | B. S. | Surgery, Physiology & Pharmacolog | Medicine & Dentistry | | |

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| SG12-24 | Ray | S. L. | Nursing | Health Sciences | *Transitioning To Canadian Society Among Refugees Who Have Experienced Collective Violence* | $8,160.00 |
| **Co-applicants:** | Babenko-Mould | Y. | Nursing | Health Sciences | | |
| | Mabaya | G. | External Co-applicant | | | |
| | Nitunga | P. | External Co-applicant | | | |
| | | | | | **Biosciences** | **$56,380.00** |
| **Physical & Mathematical Sciences, and Engineering** | | | | | | |
| SG12-27 | Semenikhin | O. | Chemistry | Science | *Preparation of Photovoltaic and Electroactive Materials in Controlled Atmosphere* | $8,140.00 |
| **Co-applicants:** | | | | | | |
| SG12-31 | Straatman | A. G. | Mechanical & Materials Engg | Engineering | *Proof of concept for scaled-up vortex tube effect* | $8,160.00 |
| **Co-applicants:** | Siddiqui | K. | Mechanical & Materials Engg | Engineering | | |
| | | | | | **Physical & Mathematical Sciences, and Engineering** | **$16,300.00** |
| **Social Sciences, Arts and Humanities** | | | | | | |
| SG12-01 | Ansari | E. | Music Research & Composition | Music | *Leonard Bernstein and the Cold War Politics of Tonal Music* | $7,507.00 |
| **Co-applicants:** | | | | | | |
| SG12-05 | Cuciurean | J. D. | Music Research & Composition | Music | *Ligeti's Piano Etudes: Musical Structure as Revealed in the Sketches* | $4,123.00 |
| **Co-applicants:** | | | | | | |

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| SG12-17<br>**Co-applicants:** | Margolis | R. | Sociology | Social Science | *Parental Happiness Before and After the Kids: Childbearing in the Context of Low and Late Fertility* | $8,098.00 |
| SG12-22<br>**Co-applicants:** | Pollock | K. | | Education | *The Nature of School Administrators Work* | $7,621.00 |
| | | | | | **Social Sciences, Arts and Humanities** | **$27,349.00** |
| | | | | | **TOTAL:** | **$100,029.00** |