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Arts 119
(250) 807-9412

Graduate Student Travel Grants – February 2012

Student Name & Faculty	Supervisor	Title of Paper to be Presented	Name & Location of Conference
Leanne ten Brinke Irving K. Barber School of Arts and Sciences	Stephen Porter	Darwin the Detective: Behavioural Consequences of High-Stakes Emotional Deception	EAPL European Association of Psychology and Law Conference Nicosia, Cyprus
Jocelyn Madeira Irving K. Barber School of Arts and Sciences	Andis Klegaris	The anti-rheumatic gold drug auranofin could be beneficial in Alzheimer's disease by inhibiting astrocyte-mediated neuroinflammation	Alzheimer's Association International Conference Vancouver, British Columbia
Julia Shaw Irving K. Barber School of Arts and Sciences	Stephen Porter	The muscle effect: How body type biases lineup identification	EAPL European Association of Psychology and Law Conference Nicosia, Cyprus
Amy Jenkins Swan Engineering	Ahmad Rteil	Wood-frame vs. Compressed Earth Block Construction: Which alternative is best?	CSCE 2012 Conference: Leadership in Sustainable Infrastructure Edmonton, Alberta
Kasra Bigdeli Engineering	Solomon Tesfamariam	Optimal design of viscous damper connections for adjacent structures using Genetic Algorithm and Nelder-Mead Algorithm	SPIE Smart Structures/NDE 2012 San Diego, California
Matthew Lemay Irving K. Barber School of Arts and Sciences	Michael Russello	Detecting signatures of selection in divergent ecotypes of kokanee and sockeye salmon	1st Joint Congress on Evolutionary Biology Ottawa, Ontario
Sheikh Nijam Ali Engineering	Thomas Johnson	A New High Efficiency RF Switch-mode Power Amplifier Architecture for Pulse Encoded Signals	13th Annual IEEE Wireless and Microwave Technology Conference Cocoa Beach, Florida



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Samantha Brennan Irving K. Barber School of Arts and Sciences	Jon Corbett	Igniting Interest in Online Participatory Mapping: Volunteered Geographic Information and Forest Fire Impacts	Canadian Association of Geographers 2012 Annual Meeting and Congress 2012 Waterloo, Ontario
Abu hena Md. Billah Engineering	Shahria Alam	Seismic performance evaluation of multi-column bridge bent retrofitted with composite materials	CSCE 2012 General Conference and 3rd International Structural Specialty Conference Edmonton, Alberta
Julianne Beam Irving K. Barber School of Arts and Sciences	Sanjoy Ghosh	Glutathione Protects Against Exercise-Induced Oxidative Stress in Mature db/db Mice Hearts	Experimental Biology San Diego, California
Md Shariful Islam Engineering	Richard Klukas	Indoor Positioning through Integration of Optical Angles of Arrival and an Inertial Measurement Unit	IEEE/ION Position Location and Navigation Symposium Myrtle Beach, South Carolina
P.K.M. Moniruzzaman Engineering	Ahmad Rteil	Numerical Comparison between FRP and TRM for Seismic Retrofitting	3rd International Structural Specialty Conference/CSCE Leadership in Sustainable Infrastructure Conference Edmonton, Alberta
Getnet Betrie Engineering	Rehan Sadiq	Uncertainty analysis of an equivalence-based fate and transport model using a hybrid fuzzy-probabilistic approach: A case study of mining industry	CSCE 2012 12th international Environmental Specialty Conference Edmonton, Alberta
Jessica Ana Buritica Engineering	Solomon Tesfamariam	Seismic vulnerability assessment of the BC Hydro power transmission systems using complex-system based methods	15th World Conference on Earthquake Engineering Lisbon, Portugal
Kristen Aleklett Irving K. Barber School of Arts and Sciences	Miranda Hart	Microbial fingerprints in the rhizosphere	28th New Phytologist Symposium: Functions and ecology of the plant microbiome Rhodes, Greece



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Md Shahnewaz Engineering	Ahmad Rteil	Seismic Analysis of Reinforced Concrete Deep Beams	3rd International Structural Specialty Conference/CSE Leadership in Sustainable Infrastructure Conference Edmonton, Alberta
Kayla Cornett Faculty of Health and Social Development	Jennifer Jakobi	Evaluation of Motor Units in Functional Tasks and Anisometric Contractions	8th International Motoneuron Meeting: Motoneurons and Beyond Sydney, Australia
Kara Turcotte Irving K. Barber School of Arts and Sciences	Susan Holtzman	The impact of attachment style on the quality of life of patients awaiting organ transplantation	33rd Annual meeting and Scientific Sessions New Orleans, Louisiana
Evelyn Jensen Irving K. Barber School of Arts and Sciences	Michael Russello	Extirpation by Introgression?: Investigating the genetic consequences of released <i>Chrysemys picta</i> pets on endangered <i>C. p. bellii</i> in British Columbia	1st Joint Congress on Evolutionary Biology 2012 Ottawa, Ontario



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Graduate Student Travel Grants – April 2012			
Student Name & Faculty	Supervisor	Title of Paper to be Presented	Name & Location of Conference
Mehdi Shahraeeni Engineering	Mina Hoorfar	Simulation of Fluid Flow in the Gas Diffusion Layer of PEM fuel cell	World Hydrogen Energy Conference 2012 Toronto, Ontario
Amin Zargar Engineering	Rehan Sadiq	Uncertainty Modeling in Drought Hazard Characterization using the Standardized Precipitation Index	HIC 2012 - 10th International Conference on hydroinformatics Hamburg, Germany
Shaun Strohm Irving K. Barber School of Arts and Sciences	Rebecca Tyson	Mathematical Model for Mountain Pine Beetle Spread and Impacts of Park Management Strategies	Society of Mathematical Biology Annual Meeting 2012 Knoxville, Tennessee
Xian Jin Engineering	Jonathan Holzman	Enhanced field of view and speed characteristics for optical wireless devices	2012 IEEE Summer Topicals Conference Seattle, Washington
Mojtaba Komeli Engineering	Abbas Milani	Inverse Identification of Meso-level material properties in Woven Fabrics using genetic algorithm optimization	15th European Conference on Composite Materials Venice, Italy
Shirley Hutchinson Irving K. Barber School of Arts and Sciences	Paul Davies	Guilty until proven innocent: The influence of crime type on eyewitness recall of perceived stereotypicality	73rd Annual Canadian Psychological Association (CPA) Convention Halifax, Nova Scotia
Navid Hossaini Fard Engineering	Kasun Hewage	"Em-reen" building rating system: A sustainability measure for Canadian construction projects based on Energy methodology	CSCE - Leadership in Sustainable Infrastructure Edmonton, Alberta



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Sina Jomeh Engineering	Mina Hoorfar; D.J. Roberts	Numerical simulation of the adhesion of a moving biological cell on a reactive substrate in a rectangular microchannel	10th ASME International Conference on Nanochannels, Microchannels, Minichannels, (ICNMM) Puerto Rico
Tina Marten Irving K. Barber School of Arts and Sciences	Luis Aguiar ; Martin Blum	Kelowna, BC, Canada: a neoliberal utopia of unlimited exploitation?	International Geographical Congress, Cologne 2012: "Down to Earth" Cologne, Germany



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Graduate Student Travel Grants – August 2012			
Student Name & Faculty	Supervisor	Title of Paper to be Presented	Name & Location of Conference
Xuegui Song Engineering	Julien Cheng	Alamouti-Type STBC for Subcarrier Intensity Modulated Wireless Optical Communications	2012 IEEE Global Communications Conference Anaheim, California
Salma Kheiravar Irving K. Barber School of Arts and Sciences	Patricia Lasserre	A Mobile Application for Collaborative Learning	MobileHCI 2012 San Francisco, California
Hadi Firouzi Engineering	Homayoun Najjaran	Robust Gaussian-based Template Tracking	The International Conference on Intelligent Robotics and Applications Montreal, Quebec
Lynn Rollison Faculty of Health and Social Development	Penelope Cash	1. The impact of a difficult birth on mothering 2. Shifting and shaping themes of mothering	Mothering and Reproduction Conference Toronto, Ontario
Mohamadreza Nourani Engineering	Abbas Milani	Predicting residual stresses in friction stir welding of aluminum alloy 661 using an integrated multiphysics model	The 9 th International Conference on Residual Stresses Garmisch-Partenkirchen, Germany



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Graduate Student Travel Grants – October 2012			
Student Name & Faculty	Supervisor	Title of Paper to be Presented	Name & Location of Conference
Tamil Kendall Irving K. Barber School of Arts and Sciences	Naomi McPherson	Inverting interdisciplinary hierarchies: combining qualitative and quantitative data to inform HIV prevention policy for women in Mexico	2012 American Anthropological Association Annual Meeting, Borders and Crossings San Francisco, California
Claudio Fabricio Valdivieso Irving K. Barber School of Arts and Sciences	Richard Garvin	Joya de Ceren, a Mayan Village Under Volcanic Ash	International Congress on Maya Culture 2012; The Dawn of the Maya Huelva, Spain
Jennifer Forsythe Irving K. Barber School of Arts and Sciences	John Klironomos	A field study of specificity in the arbuscular mycorrhizal symbiosis	7th International Conference on Mycorrhiza New Delhi, India
Caitlyn Makins Irving K. Barber School of Arts and Sciences	Kirsten Wolthers	Mutagenesis of a conserved glutamate reveals the contribution of electrostatic energy to Co-C bond homolysis in Ornithine 4,5-Aminomutase and Methylmalonyl-CoA Mutase	23rd Enzyme Mechanisms Conference Coronada, California