

Senate Research Report

September 25, 2012

Awards and Honours

Association for Israel Studies: Shapiro Award for Best Book in Israel Studies

Dr. Oded Haklai (Political Studies) won the Shapiro Award for *Palestinian Ethnonationalism in Israel* – the first book to examine the manifestation of Palestinian nationalism in Israel.

Canadian Association for Teacher Education (CATE):

Outstanding Contributions to Research in Teacher Education in Canada

Dr. Tom Russell (Faculty of Education), a pioneer in self-study teaching and teacher education practices, recently received the inaugural award for Outstanding Contributions to Research in Teacher Education in Canada from the Canadian Association for Teacher Education (CATE).

Canadian Economics Association: Doug Purvis Memorial Prize

Dr. Charles Beach (Emeritus, Economics), the late Dr. Alan Green (Economics), and Dr. Christopher Worswick of Carleton have won one of the most prestigious Canadian economic writing awards – the 2012 Doug Purvis Memorial Prize. They share the \$10,000 prize for their groundbreaking book on immigration policy reform called *Toward Improving Canada's Skilled Immigration Policy: An Evaluation Approach*. The prize is named for Dr. Doug Purvis, a former Queen's economics professor who passed away in the early 1990s.

Canadian Mathematical Society: Coxeter-James Prize

Dr. Gregory Smith (Mathematics and Statistics) is the recipient of the 2012 Coxeter-James Prize, inaugurated in 1978 to recognize young mathematicians who have made outstanding contributions to mathematical research. The prize was awarded in June at the Society's Summer Meeting in Regina.

Publicly announced March 27, 2012

Canadian Psychological Association (CPA): Distinguished Contributions to the International Advancement of Psychology

Dr. John Berry (Emeritus, Psychology) received the 2012 CPA Award for Distinguished Contributions to the International Advancement of Psychology for his internationally recognized research in cross-cultural psychology. The Section on International and Cross-

Cultural Psychology of the CPA also created the John Berry Award for Best Student Presentation in his honour.

Canadian Society for Biomechanics: Career Award

Dr. Joan Stevenson (School of Kinesiology and Health Studies) recently received the Canadian Society for Biomechanics (CSB) Career Award, the highest honour given out by the organization.

Canadian Sociological Association: Outstanding Contribution Award

Dr. David Lyon (Sociology) has been honoured with The Canadian Sociological Association's Outstanding Contribution Award. Dr. Lyon, director of the Surveillance Studies Centre, is the first Queen's professor to earn the society's top award.

Announced May 21, 2012

Chemical Institute of Canada: Canadian Green Chemistry and Engineering Award

Dr. Philip Jessop (Chemistry) has been selected as the 2012 winner of the Canadian Green Chemistry and Engineering Award. The award will be presented at the Canadian Chemical Engineering Conference in October.

Geological Association of Canada: William Harvey Gross Award

Dr. Daniel Layton-Matthews (Geological Sciences and Geological Engineering) has been named the 2012 William Harvey Gross Award winner. This award is bestowed annually by the Geological Association of Canada and the Mineral Deposits Division (MDD) to a geoscientist less than 40 years of age who has made a significant contribution to the field of economic geology in a Canadian context, including mineral exploration and development, applied or fundamental scientific research, and field-based studies.

Geological Society of America: Penrose Medal

Dr. Raymond A. Price (Emeritus, Geological Sciences and Geological Engineering) has been awarded the 2012 Penrose Medal, established in 1927 by R.A.F. Penrose, Jr., to be awarded in recognition of eminent research in pure geology, for outstanding original contributions or achievements that mark a major advance in the science of geology. Dr. Price will receive the Penrose Medal in early November in Charlotte, North Carolina.

Images Festival: Images Prize

Professor Gary Kibbins (Film and Media Studies) was honoured at the 25th annual Images Festival in Toronto, winning the grand prize for his installation "Girl Sitting on Blue Chair."

The award is sponsored by Canadian filmmaker Atom Egoyan and recognizes the best Canadian media artwork displayed at the festival.

Announced April 21, 2012

Royal Society of Canada: Fellowships

Dr. Jacalyn Duffin (School of Medicine) was elected for her outstanding contributions to the history of medicine – she is the Hannah Chair in the History of Medicine and a practicing physician and historian. Duffin is one of the first scholars to fully-integrate history into medical curricula. Dr. Keith Banting (School of Policy Studies) was elected for his outstanding contributions to policy studies. He is a world-renowned expert on social policy and the impact of federalism, globalization and multiculturalism on the welfare state. Drs. Banting and Duffin will be recognized at a Royal Society banquet in November.

Publicly announced September 5, 2012

Smuts Visiting Research Fellowship in Commonwealth Studies

Dr. Bruce Berman (Political Studies) has been elected to the Smuts Visiting Research Fellowship in Commonwealth Studies at the University of Cambridge for the next academic year. The Fellowship is also attached to a visiting fellowship at Wolfson College, where Professor Berman will be in residence from October 2012 to June 2013. While at Cambridge, he will be working on a book that is an outcome of Queen's Ethnicity and Democratic Governance Program (EDG) project entitled "The Ordeal of Modernity: the Cultural Politics of Ethnicity."

Research Funding

Internal

Queen's University, Faculty of Engineering and Applied Science

- Dr. Scott Parent (Chemical Engineering) has been appointed the first Hazell Research Professor in Chemical Design and Innovation.

Queen's University, Department of Civil Engineering – Way Memorial Trust Award

- Dr. Pascale Champagne (Civil Engineering) received \$10,000 over 2 years for the project entitled, *Waste Streams and Recycled CO₂ to Enhance Bio-Oil Extraction from Microalgae*.

External

Canadian Institutes of Health Research (CIHR)

Bourse de recherche des IRSC

- Dr. Fabienne Samson (Psychology) received \$135,000 over 4 years for the project entitled, *Cortical Underpinnings of Speech Segregation and Comprehension in Aging: Influence of Acoustic and Knowledge-Based Cues*.

Canadian Institutes of Health Research (CIHR)

Café Scientifique Program

- Dr. Lucie Pelland (School of Rehabilitation Therapy) received \$3,000 for the project entitled, *Knowledge Transfer and Exchange Café on Paediatric Concussion in Hockey*.

Canadian Institutes of Health Research (CIHR)

Catalyst Grant

- Dr. Beatriz Alvarado (Community Health and Epidemiology) received \$32,490 for the project entitled, *Pilot implementation of Mano en Mano: A Community Based HIV Prevention in Gay and Other MSM Latino Populations in Canada and Colombia*.

Canadian Institutes of Health Research (CIHR)

Doctoral Award

- Dr. Samar Abdulkhalek (Biomedical and Molecular Sciences) received \$46,667 over 2 years for the project entitled, *Molecular Basis of Neu1 Sialidase Regulating Toll-like Receptor Activation*.
- Dr. Matthew Ratsep (Biomedical and Molecular Sciences) received \$105,000 over 3 years for the project entitled, *The Role of Fetal and Maternal Expression of Placental Growth Factor in the Regulation of Placentation Adaptations Leading to Preeclampsia*.
- Dr. Jonathan Salsberg (School of Kinesiology and Health Studies) received \$105,000 over 3 years for the project entitled, *Mapping Social Networks for Translating Knowledge from Community-Based Participatory Research into Policy and Practice Change: The Impact of the Kahnawake Schools Diabetes Prevention Project*.

Canadian Institutes of Health Research (CIHR)

Network Catalyst – Knowledge Translation

- Dr. John Muscedere (School of Medicine) received \$599,611 over 4 years for the project entitled, *Canadian Critical Care Knowledge Translation Network*.

Canadian Institutes of Health Research (CIHR)

Operating Grant

- Dr. Beatriz Alvarado (Community Health and Epidemiology) received \$100,000 for the project entitled, *Social Dynamics of HIV, Syphilis, Chlamydia and Gonorrhoea Risk in Vulnerable Populations from Colombia and Canada*.
- Dr. Catherine Cahill (Biomedical and Molecular Sciences) received \$737,100 over 6 years for the project entitled, *Changes in Opioid Reward in Neuropathic Pain*.
- Dr. David Lillicrap (Pathology and Molecular Medicine) received \$835,789 over 6 years for the project entitled, *Study of the Factor VIII Life Cycle and its Implications for Factors VIII Immunogenicity*.
- Dr. Donald Maurice (Biomedical and Molecular Sciences) received \$755,054 over 6 years for the project entitled, *Vascular Endothelial Cell Activators and Shear Stresses in Health and Disease*.
- Dr. Martin Paré (Biomedical and Molecular Sciences) received \$646,793 over 6 years for the project entitled, *Neural Basis of Visual Behavior*.
- Dr. Caroline Pukall (Psychology) received \$100,000 for the project entitled, *Neuropathic Pain Characteristics in Women with Vulvodynia*.
- Dr. Richard Oko (Biomedical and Molecular Sciences) received \$690,481 over 6 years for the project entitled, *PAWP, A Candidate Sperm-Borne Oocyte-Activating Factor*.

Embassy of France in Canada

France-Canada Research Fund and French Ministry of Higher Education and Research

- Dr. Philippe Di Stefano (Physics, Engineering Physics & Astronomy) received \$12,000 for the project entitled, *Listening to Scintillating Fractures*.

IBM Canada Lab

- Dr. Jim Cordy (School of Computing) received \$10,000 for the project entitled, *Security Issues in Mobile Enterprise Applications*.

MITACS

Accelerate Graduate Research Internship Program

- Dr. Aboelmagd Noureldin (Electrical and Computer Engineering) received \$40,000 for the project entitled, *A Portable Multi-Sensor Navigation System for Indoor and Urban Localization and Orientation*.
- Dr. Gene Zak (Mechanical and Materials Engineering) received \$15,000 for the project entitled, *Real-Time Quality Monitoring Tool Development for Remote Laser Welding of Sheet Metal Assemblies in Automotive Applications*.

National Oceanic and Atmospheric Administration

- Dr. Christopher Moyes (Biology) received \$226,039 for the project entitled, *Estimating Post-Release Mortality in Istiophorid Bilifish*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

Collaborative Research and Development Grant

- Dr. Alireza Bakhshai (Electrical and Computer Engineering) received \$399,999 over 3 years for the project entitled, *Smart Micro Hybrid Renewable Energy Systems*.
- Dr. Dominik Barz (Chemical Engineering) received \$60,002 over 4 years for the project entitled, *Fabrication of Nafion-Based Mirco-Membrances for Micro-Chemical Systems*.
- Dr. Amir Fam (Civil Engineering) received \$72,000 over 2 years for the project entitled, *Laboratory and Field Testing of an FRP-Reinforced Concrete Guideway*.
- Dr. Kurtis Kyser (Geological Sciences and Geological Engineering) received \$396,000 over 4 years for the project entitled, *Basin-Related Uranium Systems*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

Discovery Accelerator Supplement

- Dr. Jean Hutchinson (Geological Sciences and Geological Engineering) received \$120,000 over 3 years for the project entitled, *Evaluating Georisk for Infrastructure Engineering Projects*.
- Dr. Cella Olmstead (Psychology) received \$120,000 over 3 years for the project entitled, *Interactions between Impulsivity and Reward: Relevance to Drug Addiction*.
- Dr. Kerry Rowe (Civil Engineering) received \$120,000 over 3 years for the project entitled, *Effect of Time and Temperature on Critical Geosystems*.
- Dr. Virginia Walker (Biology) received \$120,000 over 3 years for the project entitled, *The Molecular Analysis of Low Temperature and Freezing Stress Resistance*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

Discovery Grant Program

- Dr. Bruce Banfield (Biomedical and Molecular Sciences) received \$170,000 over 5 years for the project entitled, *Regulating Viral Protein Production and Stability using Small Molecules*.
- Dr. Lynann Clapham (Physics, Engineering Physics & Astronomy) received \$100,000 over 5 years for the project entitled, *Magnetic Non-Destructive Evaluation (NDE) Techniques for Strain Measurement in Engineering Components*.
- Dr. James Cordy (School of Computing) received \$210,000 over 5 years for the project entitled, *Software Analysis and Transformation Systems*.
- Dr. Duncan Cree (Civil Engineering) received \$110,000 over 5 years for the project entitled, *Development and Characterization of Bio-Materials for Sustainable Construction*.

- Dr. Ana Maria da Silva (Civil Engineering) received \$140,000 over 5 years for the project entitled, *Dynamics and Modelling of Large-Scale River Adjustments of Equilibrium*.
- Dr. Robert Dalrymple (Geological Sciences and Geological Engineering) received \$160,000 over 5 years for the project entitled, *Sedimentation in the Tide-Wave and Tide-River Transition Zones*.
- Dr. Thomas Dean (Electrical and Computer Engineering) received \$85,000 over 5 years for the project entitled, *Language Based Software Engineering for Large Web Based Systems*.
- Dr. Hans Dringenberg (Psychology) received \$27,000 for the project entitled, *The Plasticity-Stability Balance of Auditory Cortex Synapses: Role of Sensory Experience and Synaptic Mechanisms*.
- Dr. Randy Ellis (School of Computing) received \$210,000 over 5 years for the project entitled, *Computational Models for Surgical Navigation*.
- Dr. Andrew Evans (Chemistry) received \$505,000 over 5 years for the project entitled, *New Metal-Catalyzed Allylic Substitution and Higher-Order Carbocyclization Reactions*.
- Dr. Lauren Flynn (Chemical Engineering) received \$170,000 over 5 years for the project entitled, *Dynamic Culture Systems with Tissue-specific Microcarriers for Human Adipose-Derived Stem Cell Expansion and Delivery*.
- Dr. Katrina Gee (Biomedical and Molecular Sciences) received \$200,000 over 5 years for the project entitled, *Molecular Regulation of IL-27-Mediated Inflammatory Responses in Myeloid Cells*.
- Dr. Nick Graham (School of Computing) received \$110,000 over 5 years for the project entitled, *Software Engineering of Networked Digital Games*.
- Dr. Craig Hawryshyn (Biology) received \$280,000 over 5 years for the project entitled, *Functional Diversification of Vision in Fishes*.
- Dr. Bruce Hill (Biomedical and Molecular Sciences) received \$140,000 over 5 years for the project entitled, *Function and Assembly of Heme-Copper Oxidases in Aerobic Respiratory Chains*.
- Dr. Ceredwyn Hill (Biology) received \$130,000 over 5 years for the project entitled, *Discovery and Function of Ion Channels in Liver Epithelia*.
- Dr. Jean Hutchinson (Geological Sciences and Geological Engineering) received \$170,000 over 5 years for the project entitled, *Evaluating Georisk for Infrastructure Engineering Projects*.
- Dr. Gregory Jerkiewicz (Chemistry) received \$275,000 over 5 years for the project entitled, *Interfacial Electrochemistry and Electrocatalysis: Understanding and Directing Electrochemical Phenomena at the Molecular Level*.
- Dr. Ingrid Johnsrude (Psychology) received \$235,000 over 5 years for the project entitled, *Factors that Facilitate Perception of Degraded Speech and Speech in Noise*.
- Dr. Ernst Kani (Mathematics and Statistics) received \$60,000 over 5 years for the project entitled, *Hurwitz Spaces, Humbert Schemes and Modular Curves*.

- Dr. Kunal Karan (Chemical Engineering) received \$170,000 over 5 years for the project entitled, *Property and Structure of Ultra-Thin Nafion Films for Applications to Fuel Cells and Other Technologies*.
- Dr. Kibum Kim (School of Computing) received \$95,000 over 5 years for the project entitled, *Supporting Peripheral Participation on the Non-Planar Displays*.
- Dr. Michael Korenberg (Electrical and Computer Engineering) received \$90,000 over 5 years for the project entitled, *Nonlinear Systems Identification for Modelling and Analysis of Biological, Physical, and Industrial Processes*.
- Dr. Bernard Kueper (Civil Engineering) received \$160,000 over 5 years for the project entitled, *Remediation of Fractured Bedrock Focussed on Contaminant Mass Sequestered in the Rock Matrix*.
- Dr. Yongjun Lai (Mechanical and Materials Engineering) received \$100,000 over 5 years for the project entitled, *Advancing Dynamic MEMS for In-Situ Biosensing*.
- Dr. Colin MacDougall (Civil Engineering) received \$105,000 over 5 years for the project entitled, *Carbon Negative Buildings for Sustainable Construction: Structural Performance of Hybrid Timber and Concrete Columns*.
- Dr. James McLellan (Chemical Engineering) received \$145,000 over 5 years for the project entitled, *Statistical Tools for Chemical Process and Product Design and Improvement*.
- Dr. Christopher Moyes (Biology) received \$325,000 over 5 years for the project entitled, *Origins of Variation in Muscle Mitochondrial Metabolism*.
- Dr. Ryan Mulligan (Civil Engineering) received \$115,000 over 5 years for the project entitled, *Surface Waves, Hydrodynamics and Geological Processes in Coastal Environments*.
- Dr. Richard Oko (Biomedical and Molecular Sciences) received \$200,000 over 5 years for the project entitled, *The Role of Sperm Inner Acrosomal Membrane Proteins in Acrosomal Biogenesis and Fertilization*.
- Dr. Cella Olmstead (Psychology) received \$325,000 over 5 years for the project entitled, *Interactions between Impulsivity and Reward: Relevance to Drug Addiction*.
- Dr. Andrew Paterson (Biology) received \$105,000 over 5 years for the project entitled, *Understanding Causes of Algal Blooms in Nutrient-Poor Lakes within the Precambrian Shield: Evaluating the Role of Climatic Change*.
- Dr. Brant Peppley (Chemical Engineering) received \$120,000 over 5 years for the project entitled, *High Performance Fuel Processor Development for Fuel Cell Systems*.
- Dr. Christopher Pickles (Robert M. Buchan Department of Mining) received \$100,000 over 5 years for the project entitled, *Towards Environmentally Benign Pyrometallurgical Processes*.
- Dr. Kerry Rowe (Civil Engineering) received \$450,000 over 5 years for the project entitled, *Effect of Time and Temperature on Critical Geosystems*.
- Dr. James Stewart (School of Computing) received \$170,000 over 5 years for the project entitled, *Advances in Computer Assisted Mosaic Arthroplasty*.

- Dr. Virginia Walker (Biology) received \$265,000 over 5 years for the project entitled, *The Molecular Analysis of Low Temperature and Freezing Stress Resistance*.
- Dr. Scott Yam (Electrical and Computer Engineering) received \$125,000 over 5 years for the project entitled, *Investigation into Propagation Phenomena in Multimode Fiber for Industrial Applications*.
- Dr. Ying Zou (Electrical and Computer Engineering) received \$170,000 over 5 years for the project entitled, *Managing the Co-Evolution of Software Applications with Business Requirements*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

Engage Grants

- Dr. Diane Beauchemin (Chemistry) received \$25,000 for the project entitled, *Development of an Infrared Heated Spray Chamber for Inductively Coupled Plasma Spectrometry*.
- Dr. Christopher Mechefske (Mechanical and Materials Engineering) received \$25,000 for the project entitled, *Fuselage Skin Thickness versus Acoustic Barrier Treatment*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

Industrial Research Chairs

- Dr. Mark Daymond (Mechanical and Materials Engineering) received \$1,159,000 over 5 years for the project entitled, *NSERC/UNENE/Nu-tech Precision Metals Industrial Research Chair in Nuclear Materials*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

Research Tools and Instruments

- Dr. Ana Maria da Silva (Civil Engineering) received \$16,416 for the project entitled, *Laser Bathymetry Mapping System for Experimental Research on River and Coastal Morphodynamics*.
- Dr. Mark Diederichs (Geological Sciences and Geological Engineering) received \$150,000 for the project entitled, *High pressure / High Temperature Geomechanical Triaxial Test Cell with Integrated Pore Pressure Monitoring and Acoustic and Strain Transducer Arrays*.
- Dr. Andrew Evans (Chemistry) received \$103,733 for the project entitled, *Continuous Flow Reactor*.
- Dr. Jun Gao (Physics, Engineering Physics & Astronomy) received \$25,050 for the project entitled, *Urgent Overhaul of an Integrated Glovebox/Evaporator System for Polymer Device Processing*.
- Dr. Keyvan Hashtrudi-Zaad (Electrical and Computer Engineering) received \$49,940 for the project entitled, *High-Density Surface Electromyography Sensing Facility*.
- Dr. Robin Hutchinson (Chemical Engineering) received \$68,250 for the project entitled, *500 Hz Laser for Investigations of Free-Radical Polymerization Kinetics*.

- Dr. Steve Lougheed (Biology) received \$148,164 for the project entitled, *Remote, Real-Time Climate Monitoring Network*.
- Dr. Chris Moyes (Biology) received \$16,000 for the project entitled, *Incubator Suite*.
- Dr. Ron Neufeld (Chemical Engineering) received \$51,255 for the project entitled, *Insulin Assay through High Performance Liquid Chromatography*.
- Dr. Kent Novakowski (Civil Engineering) received \$68,722 for the project entitled, *Rapid Field Measurement of the Stable Isotopes of Water*.
- Dr. William Plaxton (Biology) received \$47,571 for the project entitled, *Fast Protein Liquid Chromatography System*.
- Dr. Steven Smith (Biomedical and Molecular Sciences) received \$42,786 for the project entitled, *Analytical Ultracentrifugation of Biomolecules and Macromolecular Complexes*.
- Dr. Wayne Snedden (Biology) received \$16,790 for the project entitled, *Benchtop Centrifuge Suite*.
- Dr. Andy Take (Civil Engineering) received \$41,155 for the project entitled, *A High-Speed Imaging Facility for Queen's University*.
- Dr. Roel Vertegaal (School of Computing) received \$39,621 for the project entitled, *Development of Organic User Interfaces for Three Dimensional Display Surfaces*.
- Dr. David Zechel (Chemistry) received \$150,000 for the project entitled, *HPLC-DAD-MS System*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

SAPEQ Program - Subatomic Physics, Research Tools and Instruments

- Dr. Mark Chen (Physics, Engineering Physics & Astronomy) received \$38,000 for the project entitled, *Equipment for the SNO+ Experiment*.

Natural Sciences and Engineering Research Council of Canada (NSERC)

SAPPJ Program - Subatomic Physics Envelope

- Dr. Mark Boulay (Physics, Engineering Physics & Astronomy) received \$335,000 for the project entitled, *DEAP-3600 Installation, Commissioning and Analysis*.
- Dr. Mark Chen (Physics, Engineering Physics & Astronomy) received \$425,000 for the project entitled, *SNO+ Construction, Commissioning and First Data*.
- Dr. Wolfgang Rau (Physics, Engineering Physics & Astronomy) received \$116,000 for the project entitled, *SuperCDMS*.

Ontario Ministry of Transportation

- Dr. Simon Hesp (Chemistry) received \$40,000 for the project entitled, *Effect of Warm Mix Additives on Asphalt Cement and Asphalt Mixture Quality*.

Social Sciences and Humanities Research Council of Canada (SSHRC)

Connections Grant

- Dr. Scott Carson (School of Business) received \$37,993 for the project entitled, *Connecting the Future: Rural Broadband Technology, Policy and Impact*.

Social Sciences and Humanities Research Council of Canada (SSHRC)

Insight Development Grant

- Dr. Yolande Chan (School of Business) received \$33,848 for the project entitled, *Digital Technology Strategy and Business Innovation*.
- Dr. Meredith Chivers (Psychology) received \$74,200 for the project entitled, *The Effects of Gender Norms on Gender Differences in Sexual Arousal*.
- Dr. Patricia Collins (School of Urban and Regional Planning) received \$71,846 for the project entitled, *Examining Integrated Community Sustainability Planning from an Organizational Learning Perspective: Case Study-Sized Municipalities in Ontario*.
- Dr. Adrienne Roberts (Political Studies) received \$36,585 for the project entitled, *Subprime Debt and Dispossession in North American Ownership Societies*.
- Dr. Darryl Robinson (Faculty of Law) received \$38,400 for the project entitled, *A Cosmopolitan Liberal Account of International Criminal Law*.
- Dr. Ana Siljak (History) received \$13,883 for the project entitled, *The Art of Life: The Aesthetics of the Russian Silver Age, 1890-1917*.
- Dr. Wei Wang (School of Business) received \$67,600 for the project entitled, *Creditor Control Right, CEO Personal Bankruptcy Costs, and Chapter 11 Sales*.

Social Sciences and Humanities Research Council of Canada (SSHRC)

Insight Grants

- Dr. Laurence Ashworth (School of Business) received \$50,460 for the project entitled, *How Does This Make Me Look: The Basis and Accuracy of Beliefs about Observers' Reactions to Product Usage*.
- Dr. Julian Barling (School of Business) received \$251,457 for the project entitled, *Leaders' Psychological Well-Being and Leadership Behaviours*.
- Dr. Kate Harkness (Psychology) received \$90,752 for the project entitled, *Individual Differences in Adult Theory of Mind: A Cognitive-Interpersonal Integration*.
- Dr. Li-Jun Ji (Psychology) received \$227,000 for the project entitled, *Cultural Differences in Perceived Correspondence between Public Appearances and Reality*.
- Dr. Valerie Kuhlmeier (Psychology) received \$111,137 for the project entitled, *Selectivity in Early Helping Behaviour*.
- Dr. Katherine McKittrick (Gender Studies) received \$64,500 for the project entitled, *Dear Science: On Race, Creativity, and the Promise of Scientific Knowledge*.

- Dr. Scott Morgensen (Gender Studies) received \$188,750 for the project entitled, *Inequalities in Intersection: Racism and Settler Colonialism in Canadian LGBTQ Communities*.
- Dr. Robert Morrison (English) received \$44,879 for the project entitled, *The Regency: British Society, 1811-1820*.
- Dr. Beverley Mullings (Geography) received \$106,774 for the project entitled, *Diasporic Assemblages, Gender Asymmetries and Challenge of Social Transformation*.
- Dr. Morten Nielsen (Economics) received \$126,992 for the project entitled, *Econometric Analysis and Application of the Fractionally Cointegrated VAR Model*.
- Dr. Matthew Reeve (Art) received \$77,586 for the project entitled, *Gothic: Medievalism and Subversion in Eighteenth-Century England*.
- Dr. Leslie Ritchie (English) received \$160,621 for the project entitled, *David Garrick and the Mediation of Celebrity*.
- Dr. Jean-Paul Roy (School of Business) received \$52,789 for the project entitled, *A Study of the Capabilities That Facilitate Trustworthy International Joint Venture Partner Behaviour across Governance Contexts*.
- Dr. Michael Smith (Philosophy) received \$73,317 for the project entitled, *Ethics, Politics and Environmental Community*.

Other News

TECH VALUE NET

Dr. Daren Heyland (School of Medicine) will lead the Technology Evaluation in the Elderly Network (TECH VALUE NET) as its scientific director. This research network is focused on improving healthcare for an aging population and positions Canada as a global leader in providing the highest quality of care for seriously ill and elderly patients. TECH VALUE NET will receive \$23.9 million in funding from the Government of Canada's Networks of Centres of Excellence program and an additional \$22 million from industry and institutional partners.

Publicly announced May 30, 2012

Opening of the Human Mobility Research Lab

The Human Mobility Research Lab (HMRL) is a world-class facility, designed to study human movement in all its complexity. Dr. Kevin Deluzio (Mechanical and Materials Engineering) is the lab's principal investigator. About half of the 3000-square-foot lab is wide open, affording plenty of room for participants to walk or jog. Force plates embedded in the floor will measure impact, wall-mounted cameras will provide motion analysis, and video fluoroscopy will image the interior workings of the joints. The \$1.5 million facility is supported in part by generous donations from the family of the late Don McGeachy (Science '40) and by Queen's supporters

This research report is meant to be an illustration of research activity at Queen's University and is based on information provided to the Office of the Vice-Principal (Research) by the Faculties.

Betty and Michael Dicketts. Funding is also provided by Canada Foundation for Innovation, the Ministry of Economic Development and Innovation, and Queen's University.

Grand Opening May 25, 2012

Opera Premier

Dr. John Burge (School of Music), a Juno award-winning composer, premiered his first opera, *The Auction*, in June. Based on a poignant children's story by Jan Andrews, *The Auction* is set on the prairie and it tells the story of a grandfather who must make the hard decision to sell the family farm. Dr. Burge wrote the part of the grandfather for his favourite singer and longtime Queen's vocal teacher Bruce Kelly. Queen's alumni Matthew Zadow and Tim Stiff also play roles.

Premiered June 30, 2012

Canadian Prostate Cancer Biomarker Network

Drs. Jeremy Squire, Paulo Nuin, and Paul Park (Pathology and Molecular Medicine) are members of a newly formed national research group, Canadian Prostate Cancer Biomarker Network (CPCBN), which is looking for better tools to treat prostate cancer. Four million dollars in funding, provided by the Terry Fox Foundation and the Canadian Partnership Against Cancer, will help researchers develop more accurate predictive tools.

Announced July 25, 2012

Innovation Park at Queen's University and Partners host Startup Canada in Kingston

Innovation Park at Queen's University and partners hosted Startup Canada on its cross-country tour to help celebrate and inspire entrepreneurship. The tour is traveling coast to coast with a series of location specific town hall meetings aimed at developing community-driven solutions to entrepreneurial challenges. Local partners include the Kingston Economic Development Corporation (KEDCO), Launch Lab, The Greater Kingston Chamber of Commerce, the Prince Edward / Lennox & Addington Community Futures Development Corporation (PELA-CFDC), St. Lawrence College, and Sustainable Kingston.

September 5, 2012 at Fort Henry