

**Simon Fraser**

**2006 Competition Results for NEW and On-Going NSERC Discovery Grants paid with fiscal 2006/07 funds**

List Posting: 28 MAR 2006

Includes: RGPIN, RGPGP, SAPEQ, SAPIN, SAPGP, SAPPJ, SAPIF & SMFSU

Applicant Name	Dept.	Program	APPLIC. ID	Title	CMTEE	Instalment	Awarded Amount	Condition	Certification
Beckenbach, AT	BISC	RGPIN	6716	Comparative genomics of animal mitochondria: structure, function and evolution	Molecular & Developmental Genetics / Génétique	3/5	39340		EI
Bendell-Young, LI	BISC	RGPIN	227217	Marine biogeochemistry and ecotoxicology of cadmium in the Pacific Northwest	Evolution & Ecology / Évolution et écologie	2/5	28000		EI
Bisgrove, SR	BISC	RGPIN	327163	How microtubules regulate plant growth and development	Plant Biology & Food Science / Biol. vég/sc a	1/5	37000	OnHold	BIO
Breden, FJ	BISC	RGPIN	138178	Genetic architecture and sexual selection in the guppy and closely related species	Evolution & Ecology / Évolution et écologie	5/5	28000		ANI EI
Christians, JK	BISC	RGPIN	326791	Physiological and genetic mechanisms underlying variation in growth within species	Integrative Animal Biology / Biologie animale	1/5	32822		ANI EI
Côté, IMC	BISC	RGPIN	328224	Novel approaches to coral reef conservation	Evolution & Ecology / Évolution et écologie	1/5	32000		ANI EI
Crespi, BJ	BISC	RGPIN	121575	Phylogenetic and behavioural-ecological analysis of adaptive radiation	Evolution & Ecology / Évolution et écologie	3/5	72500		EI
Dill, LM	BISC	RGPIN	6869	Fear factor: non-lethal effects of predators on individuals, populations and communities	Evolution & Ecology / Évolution et écologie	1/5	55000		ANI EI
Elle, E	BISC	RGPIN	227797	Trait evolution in community and landscape contexts	Evolution & Ecology / Évolution et écologie	1/5	27900	OnHold	EI
Green, DJ	BISC	RGPIN	261899	Dispersal and migration behaviour of birds in natural and modified landscapes	Evolution & Ecology / Évolution et écologie	3/5	22000		ANI BIO EI
Gries, GJ	BISC	RGPIN	138394	Mechanisms of insect communication and host selection: new research opportunities	Evolution & Ecology / Évolution et écologie	2/5	28000		
Hart, MW	BISC	RGPIN	203052	Reproduction and population genetics in marine invertebrates	Evolution & Ecology / Évolution et écologie	3/5	25000		
Hauerland, NH	BISC	RGPIN	41988	fatty acid-mediated gene control in animals	Integrative Animal Biology / Biologie animale	3/5	49130		ANI BIO
Hutter, HS	BISC	RGPIN	312498	Functional analysis of neuronal IgCAMs in <i>C. elegans</i>	Molecular & Developmental Genetics / Génétique	1/5	47900		BIO
Kennedy, CJ	BISC	RGPIN	121390	Energetic costs of xenobiotic cellular defense mechanisms in fish	Integrative Animal Biology / Biologie animale	3/5	30400		ANI
Kermode, AR	BISC	RGPIN	105744	Regulation of programmed cell death of the megagametophyte of white spruce	Plant Biology & Food Science / Biol. vég/sc a	4/4	33000		
Lank, DB	BISC	RGPIN	171290	Maintaining variation in ecologically significant traits in birds	Evolution & Ecology / Évolution et écologie	4/4	24000		ANI EI
Lowenberger, CA	BISC	RGPIN	261940	Characterization of the innate immune response in <i>Rhodnius prolixus</i>	Integrative Animal Biology / Biologie animale	4/4	40000		ANI BIO
Mathewes, RW	BISC	RGPIN	3835	Late-quaternary vegetation dynamics and paleoclimate in British Columbia	Environmental Earth Sciences / Sc. de la Terre	5/5	46920		EI
Mattsson, JM	BISC	RGPIN	250089	Genetic dissection of plant vascular differentiation	Plant Biology & Food Science / Biol. vég/sc a	5/5	46772		
Moore, AO	BISC	RGPIN	238463	Applying evolutionary theory to biodiversity studies	Evolution & Ecology / Évolution et écologie	1/5	47500		ANI EI
Moore, MM	BISC	RGPIN	105704	Virulence factors of <i>Aspergillus fumigatus</i>	Cell Biology / Biologie cellulaire	5/5	50000		ANI BIO
Nicholson, RA	BISC	RGPIN	42113	modulation of synaptic function in brain	Integrative Animal Biology / Biologie animale	3/5	34430		ANI
Novales Flamarique	BISC	RGPIN	238886	Mechanisms underlying chromatic organization of the retina and its projection	Integrative Animal Biology / Biologie animale	2/5	44478		ANI
Palsson, E	BISC	RGPIN	249789	Studying the interplay of cell adhesion chemotaxis and cell signaling, on cells	Interdisciplinary / Interdisciplinaire	4/4	22000		
Plant, AL	BISC	RGPIN	155303	Responses elicited in roots by environmental stress - a molecular physiological approach	Plant Biology & Food Science / Biol. vég/sc a	3/5	32000		
Punja, ZK	BISC	RGPIN	46409	Plant root-fungal pathogen interactions	Plant Biology & Food Science / Biol. vég/sc a	2/5	60000		BIO
Roitberg, BD	BISC	RGPIN	426	feeding tradeoffs in insects	Evolution & Ecology / Évolution et écologie	3/5	59000		BIO
Silverman, MA	BISC	RGPIN	327100	Protein trafficking in cultured hippocampal neurons	Cell Biology / Biologie cellulaire	1/5	36000		ANI
Williams, TD	BISC	RGPIN	155395	Physiology of life-histories: egg size and number and costs of reproduction	Evolution & Ecology / Évolution et écologie	5/5	43000		ANI BIO EI
Winston, ML	BISC	RGPIN	7774	Behavioural and pheromonal factors influencing the organization and evolution	Evolution & Ecology / Évolution et écologie	3/5	45000		ANI
Ydenberg, RC	BISC	RGPIN	92962	Predation danger and the annual cycle of migrants	Evolution & Ecology / Évolution et écologie	2/5	51300		ANI BIO EI
Choo, EU	BUS	RGPIN	8432	Issues and applications of calibration under multiple criteria	Industrial Engineering / Génie industriel	2/5	11000		
Gemino, C	BUS	RGPIN	239755	A multimedia tool for requirements engineering	Industrial Engineering / Génie industriel	2/5	21000		HUM
Gupta, S	BUS	RGPIN	327402	Sustainable operations: design and management of environmentally conscious systems	Industrial Engineering / Génie industriel	1/5	16000	OnHold	
Love, CE	BUS	RGPIN	18305	Estimation and optimization of imperfectly repaired systems	Industrial Engineering / Génie industriel	1/5	22000		
Wedley, WC	BUS	RGPIN	123621	Multiple criteria measurement via comparison networks	Industrial Engineering / Génie industriel	2/5	13692		
Agnes, GR	CHEM	RGPIN	170234	Chemistry on and inside levitated droplets and particles	Analytical & Physical Chemistry / Chimie analytique	4/4	37300		BIO
Bennet, AJ	CHEM	RGPIN	121348	Mechanisms-based carbohydrate chemistry and biochemistry	Inorganic & Organic Chemistry / Chimie inorganique	5/5	86080		
Branda, NR	CHEM	RGPIN	194262	Molecular switching in materials and health science applications	Inorganic & Organic Chemistry / Chimie inorganique	1/5	63000		
Branda, NR	CHEM	SMFSU	320346	Photoresponsive molecules in health sciences	E.W.R. Steacie Fellowship Selection Committee	1/2	57250		
Branda, NR	CHEM	SMFSU	320346	Photoresponsive molecules in health sciences	E.W.R. Steacie Fellowship Selection Committee	2/2	57250		
Britton, RA	CHEM	RGPIN	326980	Development of new synthetic methods and their application in the total synthesis	Inorganic & Organic Chemistry / Chimie inorganique	1/3	37000		
Clyburne, JAC	CHEM	RGPIN	217459	Synthesis and reactivity of low coordinate main group element containing compounds	Inorganic & Organic Chemistry / Chimie inorganique	4/4	40000		
Eikerling, MH	CHEM	RGPIN	283193	Multiscale modeling of physical and chemical processes in fuel cell membranes	Analytical & Physical Chemistry / Chimie analytique	3/3	51936		
Gates, BD	CHEM	RGPIN	312596	New approaches to nanostructured materials with applications in materials science	Analytical & Physical Chemistry / Chimie analytique	2/3	37000		
Hill, RH	CHEM	RGPIN	105340	Photochemical metal organic deposition of materials	Inorganic & Organic Chemistry / Chimie inorganique	5/5	64000		
Holdcroft, S	CHEM	RGPIN	93622	Nanostructured pi-conjugated polymers and proton conducting polymers	Analytical & Physical Chemistry / Chimie analytique	1/5	80400		
Leach, GW	CHEM	RGPIN	155643	Structure, dynamics and reactivity at surfaces and interfaces	Analytical & Physical Chemistry / Chimie analytique	1/2	32000		

Leznoff, DB	CHEM	RGPIN	227141	New frontiers in coordination chemistry magnetic properties, reactivity and ad	Inorganic & Organic Chemistry / Chimie inorç	1/5	60000	
Li, PCH	CHEM	RGPIN	216925	Biochip for cellomics and proteomics	Analytical & Physical Chemistry / Chimie ana	1/5	46400	BIO
O'Neill, MA	CHEM	RGPIN	312645	Dynamics and mechanisms of biomolecular signaling	Inorganic & Organic Chemistry / Chimie inorç	2/3	37000	BIO
Percival, PW	CHEM	RGPIN	9295	Hydrogen atom and free radical chemistry probed with muons	Analytical & Physical Chemistry / Chimie ana	1/5	50000	
Pinto, BM	CHEM	RGPIN	38227	Nature and origin of carbohydrate mimicry	Inorganic & Organic Chemistry / Chimie inorç	3/5	100000	ANI
Plettner, E	CHEM	RGPIN	222923	Discovery and modification of cytochrome P450	Inorganic & Organic Chemistry / Chimie inorç	2/5	48000	ANI
Pomeroy, RK	CHEM	RGPIN	541	Organometallic chemistry of osmium	Inorganic & Organic Chemistry / Chimie inorç	1/3	30000	
Ressler, JJ	CHEM	SAPEQ	331097	A CsI(Tl) array for TIGRESS	Subatomic Physics / Physique subatomique	1/1	71833	
Ressler, JJ	CHEM	SAPIN	293200	Nuclear structure studies with Isomers	Subatomic Physics / Physique subatomique	3/3	65000	
Vocadlo, DJ	CHEM	RGPIN	298406	Chemical tools for the investigation of the O-GlcNAc modification of proteins	Inorganic & Organic Chemistry / Chimie inorç	3/3	40000	BIO
Walsby, CJ	CHEM	RGPIN	312575	Structure Activity relationships in catalytic metal centres in porous materials st	Analytical & Physical Chemistry / Chimie ana	2/3	32000	
Wilkie, JJA	CHEM	RGPIN	228185	Theoretical methods for quantum chemical dynamics	Analytical & Physical Chemistry / Chimie ana	3/5	46000	
Williams, VE	CHEM	RGPIN	238724	Design and synthesis of dynamic materials	Inorganic & Organic Chemistry / Chimie inorç	1/5	39000	
Wilson, PD	CHEM	RGPIN	217573	Methods and targets for asymmetric and total synthesis	Inorganic & Organic Chemistry / Chimie inorç	1/5	43000	
Wolfe, S	CHEM	RGPIN	105321	Structure-activity and structure-reactivity relationships	Inorganic & Organic Chemistry / Chimie inorç	2/5	30000	
Ye, ZG	CHEM	RGPIN	203773	Electrically and magnetically active ferroic materials: Synthesis, structure and	Inorganic & Organic Chemistry / Chimie inorç	5/5	65100	
Yu, HZ	CHEM	RGPIN	239068	Surface chemistry of biochips: fundamental aspects	Analytical & Physical Chemistry / Chimie ana	1/5	54400	
Atkins, MS	CMPT	RGPIN	8020	Computers in medicine for diagnosis and visualization	Computing and Information Sciences - B / Inf	2/5	37000	HUM
Berenbrink, P	CMPT	RGPIN	250284	Algorithms for mobile ad hoc networks	Computing and Information Sciences - B / Inf	4/4	28000	
Bhattacharya, BK	CMPT	RGPIN	2422	Application of computational geometry to facility location optimization problem	Computing and Information Sciences - B / Inf	1/5	32000	
Bulatov, AA	CMPT	RGPIN	313357	Constraint problems complexity and algorithms	Computing and Information Sciences - B / Inf	2/5	30000	
Cameron, RD	CMPT	RGPIN	2429	Sociotechnical design of public computing infrastructure	Computing and Information Sciences - A / Inf	4/5	13000	
Dahl, V	CMPT	RGPIN	2436	Constraint based and hypothetical reasoning for human and molecular biology	Computing and Information Sciences - B / Inf	1/5	30000	
Delgrande, JP	CMPT	RGPIN	884	Theory and implementation for incomplete, evolving knowledge systems	Computing and Information Sciences - B / Inf	5/5	32000	
Drew, MS	CMPT	RGPIN	217149	Physics-based colour models in computer vision, colour science, graphics anc	Computing and Information Sciences - B / Inf	4/4	33000	
Ergun, AF	CMPT	RGPIN	298343	Efficient algorithms for property testing of massive data	Computing and Information Sciences - B / Inf	3/5	22000	
Ester, M	CMPT	RGPIN	250960	A clustering framework for the process of knowledge discovery in databases	Computing and Information Sciences - A / Inf	1/5	30600	
Funt, BV	CMPT	RGPIN	4322	Computational colour perception with applications to colour fidelity in digital ir	Computing and Information Sciences - B / Inf	3/5	40000	
Glaesser, UP	CMPT	RGPIN	262065	High level design of distributed and embedded systems	Computing and Information Sciences - A / Inf	4/4	31000	
Gu, Q	CMPT	RGPIN	250304	Efficient Routing Algorithms on WDM Optical Networks	Computing and Information Sciences - A / Inf	5/5	27000	
Gupta, A	CMPT	RGPIN	105809	Bioinformatics and combinatorial algorithms	Computing and Information Sciences - B / Inf	1/5	33000	
Hadley, RF	CMPT	RGPIN	899	Cognitive architecture in connectionist networks	Computing and Information Sciences - B / Inf	3/5	32000	
Hamarneh, G	CMPT	RGPIN	298324	Context-based deformable models for medical image analysis	Computing and Information Sciences - B / Inf	3/3	18000	
Havens, WS	CMPT	RGPIN	90307	Semi-systematic constraint solving methods	Computing and Information Sciences - B / Inf	2/5	28000	
Hefeeda, M	CMPT	RGPIN	313083	Peer to peer content distribution	Computing and Information Sciences - A / Inf	2/3	21000	
Hell, PT	CMPT	RGPIN	5075	Complexity of combinatorial problems	Computing and Information Sciences - B / Inf	4/6	64000	
Kabanets, V	CMPT	RGPIN	298363	Randomness in computation	Computing and Information Sciences - B / Inf	3/3	27035	
Kirkpatrick, AE	CMPT	RGPIN	250314	High-fluency haptic interfaces	Computing and Information Sciences - A / Inf	1/5	21000	HUM
Krishnamurti, R	CMPT	RGPIN	36809	Approximation algorithms using LP-duality based methods	Computing and Information Sciences - B / Inf	2/5	20000	
Lee, TK	CMPT	RGPIN	288194	Algorithms for automated computer image analysis for disease screening and	Electromagnetics & Electrical Systems Engin	1/5	18500	
Li, ZN	CMPT	RGPIN	36726	Active video: a new approach to video indexing and retrieval	Computing and Information Sciences - B / Inf	2/5	28000	
Liestman, AL	CMPT	RGPIN	1734	Network structure and communications	Computing and Information Sciences - B / Inf	1/5	30000	
Liu, J	CMPT	RGPIN	288325	Adaptive scalable video streaming over the heterogeneous internet	Computing and Information Sciences - A / Inf	3/3	22700	
Mitchell, DG	CMPT	RGPIN	238987	Effective propositional reasoning and applications	Computing and Information Sciences - B / Inf	2/5	21000	
Möller, T	CMPT	RGPIN	228413	Numerically and perceptually accurate visualization	Computing and Information Sciences - B / Inf	2/5	24000	
Mori, GP	CMPT	RGPIN	312230	Recognizing human figures and actions	Computing and Information Sciences - B / Inf	2/3	19000	HUM
Pei, J	CMPT	RGPIN	312194	Online analytic processing and interactive mining complex data from multiple	Computing and Information Sciences - A / Inf	2/3	27000	
Peters, JG	CMPT	RGPIN	322	Modelling and analysis of network communication	Computing and Information Sciences - B / Inf	2/5	19000	
Popowich, FP	CMPT	RGPIN	41910	Information extraction with knowledge-based linguistic analysis	Computing and Information Sciences - B / Inf	1/5	23000	
Sahinalp, CS	CMPT	RGPIN	298339	Human genome expansion and molecular interactions: an algorithmic study	Computing and Information Sciences - B / Inf	3/5	33000	
Sarkar, A	CMPT	RGPIN	262313	Ensemble techniques for the statistical parsing of natural language	Computing and Information Sciences - B / Inf	4/4	26000	
Shermer, TC	CMPT	RGPIN	46218	Graph-theoretic topics in visibility and network design	Computing and Information Sciences - B / Inf	4/5	27000	
Smyth, TR	CMPT	RGPIN	312820	Real-time interactive computer simulations of acoustic systems	Computing and Information Sciences - B / Inf	2/3	16000	
Tardos, G	CMPT	RGPIN	329257	Complexity of geometric arrangements	Computing and Information Sciences - B / Inf	1/3	30000	
Ternovska, EA	CMPT	RGPIN	238989	Computational aspects of reasoning about dynamic systems	Computing and Information Sciences - B / Inf	2/5	23000	
Vaughan, RT	CMPT	RGPIN	298256	Constructive ecology and community development tools for robot systems	Computing and Information Sciences - B / Inf	2/5	15000	
Wang, K	CMPT	RGPIN	227827	Actionable data mining	Computing and Information Sciences - A / Inf	3/5	29700	

Weiskopf, D	CMPT	RGPIN	328263	Scalable interactive visualization.	Computing and Information Sciences - B / Inf	1/3	20000	
Wiese, KC	CMPT	RGPIN	238298	Algorithms and tools in bioinformatics	Computing and Information Sciences - B / Inf	2/2	15000	
Woodbury, RF	CMPT	RGPIN	250333	Exploring design spaces: algorithms and interactions and applications	Computing and Information Sciences - B / Inf	5/5	30000	
Zhang, H	CMPT	RGPIN	262118	Signal processing of 3-D mesh geometry: theory and applications	Computing and Information Sciences - B / Inf	4/4	21000	
Allen, DM	EARTH	RGPIN	203028	Representing heterogeneity in regional fractured sedimentary aquifer systems	Environmental Earth Sciences / Sc. de la Ter	4/4	19800	EI
Calvert, AJ	EARTH	RGPIN	155519	Seismic studies of ancient and modern subduction zones	Solid Earth Sciences / Sciences de la Terre	4/4	32800	EI
Clague, J	EARTH	RGPIN	217051	Natural hazards in active orogens	Environmental Earth Sciences / Sc. de la Ter	2/5	40480	EI
Flowers, GE	EARTH	RGPIN	311725	Glacier hydrology, dynamics and hazards in a changing climate	Environmental Earth Sciences / Sc. de la Ter	2/5	24990	EI
Gibson, HD	EARTH	RGPIN	312461	Elucidating tectonic processes in collisional orogens by integrating field geology	Solid Earth Sciences / Sciences de la Terre	2/3	29900	EI
MacEachern, JA	EARTH	RGPIN	184293	Integrated ichnological-sedimentological siliciclastic facies models in a sequer	Solid Earth Sciences / Sciences de la Terre	5/5	24560	EI
Marshall, D	EARTH	RGPIN	217031	Petrology, tectonics, thermobarometry and thermochronology of the nootka sc	Solid Earth Sciences / Sciences de la Terre	4/4	23450	EI
Mustard, PS	EARTH	RGPIN	184290	Sedimentology, stratigraphy and tectonic significance of selected western cor	Solid Earth Sciences / Sciences de la Terre	4/4	23890	EI
Stead, D	EARTH	RGPIN	36375	Rock mass failure characterisation: An integrated numerical modelling-field b	Civil Engineering / Génie civil	2/5	31000	EI
Thorkelson, DJ	EARTH	RGPIN	194090	Proterozoic inliers of Yukon	Solid Earth Sciences / Sciences de la Terre	1/5	29300	EI
Ward, BC	EARTH	RGPIN	216911	Pleistocene stratigraphy and paleoenvironmental reconstructions of the Canar	Environmental Earth Sciences / Sc. de la Ter	3/5	18600	EI
Williams-Jones, G	EARTH	RGPIN	283274	Magma chamber dynamics and eruption triggering from integrated geophysic	Solid Earth Sciences / Sciences de la Terre	3/5	26690	EI
Gencay, R	ECON	RGPIN	121836	Multifractals, scale invariance and financial risk management	Statistical Sciences / Statistique	3/5	17000	
Lavergne, P	ECON	RGPIN	328474	Dimension reduction in specification testing of econometric models	Statistical Sciences / Statistique	1/3	13000	
Rekkas, M	ECON	RGPIN	311882	Third-order inference in economics	Statistical Sciences / Statistique	2/3	11000	
Bajic, IV	ENGR	RGPIN	327249	Temporal aspects of multimedia communications	Communications, Computers & Components	1/5	21000	
Beg, MF	ENGR	RGPIN	298253	Methods for computational anatomy	Interdisciplinary / Interdisciplinaire	3/5	18573	
Bird, JS	ENGR	RGPIN	36383	Small aperture swath bathymetry sonar and applications	Electromagnetics & Electrical Systems Engin	1/5	40000	EI
Cavers, JK	ENGR	RGPIN	5950	Wireless system design based on interference groups	Communications, Computers & Components	4/5	39850	
Chapman, GH	ENGR	RGPIN	105512	Laser applications in large area optical sensors and biomedical imaging	Communications, Computers & Components	1/5	32000	
Dill, JC	ENGR	RGPIN	37944	Visualizing information spaces	Computing and Information Sciences - A / Inf	3/5	24700	
Gray, BL	ENGR	RGPIN	298231	Interconnect and assembly of microinstruments	Interdisciplinary / Interdisciplinaire	3/5	23460	
Gruver, WA	ENGR	RGPIN	138258	Intelligent and distributed energy automation	Electromagnetics & Electrical Systems Engin	2/5	29000	
Gupta, KK	ENGR	RGPIN	36585	Integrated autonomous mobile-manipulation simultaneous path planning sens	Electromagnetics & Electrical Systems Engin	1/5	41550	
Hardy, RHS	ENGR	RGPIN	6283	Vertical handoff support in multimode wireless networks	Communications, Computers & Components	2/3	12500	
Ho, PKM	ENGR	RGPIN	4042	Efficient and reliable transmission techniques for wireless communications	Communications, Computers & Components	4/4	24850	
Hobson, RF	ENGR	RGPIN	4351	System-on-chip architectures for software radio	Communications, Computers & Components	2/5	15100	
Kaminska, B	ENGR	RGPIN	36687	Wearable biomonitors with wireless network communication	Interdisciplinary / Interdisciplinaire	2/3	23700	HUM
Karim, KS	ENGR	RGPIN	288147	Large area biomedical imaging	Communications, Computers & Components	3/5	22000	
Kim, DI	ENGR	RGPIN	283138	Dynamic link adaptation in heterogeneous wireless networks	Communications, Computers & Components	3/5	31000	
Kuo, JB	ENGR	RGPIN	238658	Compact modeling of sub- 100nm SOI CMOS devices for next-generation VL	Communications, Computers & Components	2/5	53000	
Lee, DC	ENGR	RGPIN	328481	Extremely fast spreading factor adaptation in spread-spectrum networks	Communications, Computers & Components	1/5	25000	
Leung, AM	ENGR	RGPIN	25422	Micro-parani sensor with atmospheric pressure range	Communications, Computers & Components	2/2	13000	
Liang, J	ENGR	RGPIN	312262	Filterbank design for multimedia communications theory and applications	Communications, Computers & Components	2/5	27000	
Parameswaran, AM	ENGR	RGPIN	105793	Integrated microsystems for detection and analysis	Interdisciplinary / Interdisciplinaire	4/5	40000	
Payandeh, S	ENGR	RGPIN	121296	Modelling and control of multi-agent manipulating system	Mechanical Engineering / Génie mécanique	4/4	22000	
Saif, M	ENGR	RGPIN	36407	Real time process fault detection and isolation: challenges in fundamentals, d	Electromagnetics & Electrical Systems Engin	5/5	43470	
Stapleton, SP	ENGR	RGPIN	41824	Software defined transmitters for wireless applications	Communications, Computers & Components	3/5	24000	
Syrzycki, MJ	ENGR	RGPIN	41826	Advanced CMOS devices and circuits for integrated microsystems	Communications, Computers & Components	3/5	20000	
Trajkovic, L	ENGR	RGPIN	216844	Simulation and analysis of high-performance networks: traffic, protocols, and	Communications, Computers & Components	4/4	24850	
Vaughan, RG	ENGR	RGPIN	288165	Signal processing and antennas for high spectral efficiency digital communica	Electromagnetics & Electrical Systems Engin	2/5	50000	
Brennand, TA	GEOG	RGPIN	194107	Reconstructing past ice sheet dynamics and hydrology from glacial geomorph	Environmental Earth Sciences / Sc. de la Ter	2/2	24990	EI
Dragicevic, S	GEOG	RGPIN	250518	Modeling spatial processes using GIS, fuzzy sets and cellular automata	Environmental Earth Sciences / Sc. de la Ter	5/5	18000	
Hickin, EJ	GEOG	RGPIN	8376	Fluvial processes, geomorphology, and sedimentology of rivers in Western C	Environmental Earth Sciences / Sc. de la Ter	4/4	30620	EI
Lesack, LFW	GEOG	RGPIN	108110	Biogeochemistry of lakes in the Mackenzie Delta	Evolution & Ecology / Évolution et écologie	1/1	26900	EI
Schmidt, MG	GEOG	RGPIN	153451	Effects of deciduous trees and shrubs on soils and nutrient dynamics in conife	Environmental Earth Sciences / Sc. de la Ter	4/4	17280	EI
Antle, AN	SIAT	RGPIN	327677	Mixed reality for cognitive acceleration	Computing and Information Sciences - A / Inf	1/3	18000	HUM EI
Bartram, LR	SIAT	RGPIN	327302	User interfaces for complex information environments	Computing and Information Sciences - A / Inf	1/5	20000	HUM
DiPaola, SR	SIAT	RGPIN	298201	Intelligent virtual character systems	Computing and Information Sciences - B / Inf	1/5	13000	
Fisher, BD	SIAT	RGPIN	239101	Information systems for skilled cognition and communication	Computing and Information Sciences - A / Inf	2/5	19000	HUM
Hatala, M	SIAT	RGPIN	238798	High-performance protocol and ontology mapping for distributed systems	Computing and Information Sciences - A / Inf	2/5	15000	
Kyrylov, V	SIAT	RGPIN	249869	Constructive reasoning about time and space	Computing and Information Sciences - B / Inf	5/5	12000	
Shaw, CD	SIAT	RGPIN	327828	Highly interactive 3D user interfaces	Computing and Information Sciences - B / Inf	1/5	27000	HUM

Bawa, PNS	KINE	RGPIN	7135	Facilitation in the neuromuscular system with high frequency stimulation and	Integrative Animal Biology / Biologie animale	3/5	21640	HUM
Donelan, JM	KINE	RGPIN	326825	Comparative terrestrial locomotion physiology	Integrative Animal Biology / Biologie animale	1/5	26500	ANI
Krieger, C	KINE	RGPIN	171372	Adducin phosphorylation regulates cell morphology and function in neurons, g	Integrative Animal Biology / Biologie animale	1/5	27400	ANI
MacKenzie, CL	KINE	RGPIN	120869	Human manipulation and remote manipulation	Integrative Animal Biology / Biologie animale	4/4	25410	HUM
Milner, TE	KINE	RGPIN	142009	Adaptive control of limb mechanics	Mechanical Engineering / Génie mécanique	2/5	44000	HUM
Robinovitch, SN	KINE	RGPIN	239735	Engineering strategies for the prevention of falls and fall-related injuries	Mechanical Engineering / Génie mécanique	1/5	19000	HUM
Rosin, MP	KINE	RGPIN	22216	Mechanisms underlying chromosomal instability in mammalian cells	Molecular & Developmental Genetics / Gén	4/4	39600	BIO
Tibbits, GF	KINE	RGPIN	2321	Regulation of contractility in the salmonid heart	Integrative Animal Biology / Biologie animale	5/5	58015	HUM ANI
Vieira, AV	KINE	RGPIN	238231	Cellular and molecular mechanisms of vitamin a transport	Cell Biology / Biologie cellulaire	4/4	24400	ANI BIO
Taboada, MT	LING	RGPIN	261104	Computational analysis of text sentiment	Computing and Information Sciences - B / Inf	3/3	17922	HUM
Wang, Y	LING	RGPIN	312457	The processing and learning of pitch in speech	Psychology: Brain, Behaviour & Cognitive Sc	1/4	18275	HUM
Bell, JP	MATH	RGPIN	326532	Noncommutative ring theory and its applications	Pure and Applied Mathematics - A / Mathém	1/5	15000	
Borwein, PB	MATH	RGPIN	152758	Computational number theory and analysis	Pure and Applied Mathematics - A / Mathém	3/5	33000	
Brown, TC	MATH	RGPIN	3983	Ramsey theory	Pure and Applied Mathematics - B / Mathém	2/5	9000	
Bruin, NR	MATH	RGPIN	261486	Rational points on curves and abelian varieties	Pure and Applied Mathematics - A / Mathém	4/4	14500	
Chen, I	MATH	RGPIN	227250	Arithmetic and geometry of modular curves	Pure and Applied Mathematics - A / Mathém	3/5	12000	
Choi, KS	MATH	RGPIN	238850	Some problems in analytic and computational number theory	Pure and Applied Mathematics - A / Mathém	2/5	15000	
Choksi, R	MATH	RGPIN	203327	Nonlocal variational problems--patterns and scales in materials	Pure and Applied Mathematics - B / Mathém	5/5	24000	
Goddyn, LA	MATH	RGPIN	105452	Studies in graph and matroids	Pure and Applied Mathematics - B / Mathém	5/5	25000	
Jedwab, J	MATH	RGPIN	278420	Exploratory computational study of discrete mathematics problems arising in c	Computing and Information Sciences - B / Inf	3/3	14000	
Jungic, V	MATH	RGPIN	298415	Density type statements in ramsey and rainbow ramsey theory	Pure and Applied Mathematics - A / Mathém	2/5	6000	
Kropinski, MCA	MATH	RGPIN	203326	Fast Algorithms for fluid flows with complex geometry	Pure and Applied Mathematics - B / Mathém	5/5	19000	
Lee, Y	MATH	RGPIN	327640	Algebraic function fields and cryptography	Pure and Applied Mathematics - A / Mathém	1/5	8000	
Lewis, AS	MATH	RGPIN	42558	Eigenvalue optimization and nonsmooth analysis	Pure and Applied Mathematics - B / Mathém	4/5	26000	
Lisonsek, P	MATH	RGPIN	238764	Enumeration and construction of discrete structures	Pure and Applied Mathematics - B / Mathém	2/5	15000	
Mishna, M	MATH	RGPIN	312582	Automatic combinatorics and holonomic systems	Pure and Applied Mathematics - B / Mathém	2/3	17000	
Mohar, B	MATH	RGPIN	311960	Graphs on surfaces and algorithms	Computing and Information Sciences - B / Inf	2/3	36000	
Monagan, MB	MATH	RGPIN	184172	Algorithms for the simplification of algebraic formulae	Computing and Information Sciences - B / Inf	3/5	30000	
Muraki, DJ	MATH	RGPIN	238928	Dynamics of the midlatitude atmosphere	Environmental Earth Sciences / Sc. de la Ter	1/3	14400	
Oberman, AM	MATH	RGPIN	312489	Constructive solution methods for nonlinear partial differential equations	Pure and Applied Mathematics - B / Mathém	2/5	10000	
Punnen, AP	MATH	RGPIN	170381	Exact and approximation algorithms for some discrete optimization problems	Industrial Engineering / Génie industriel	2/5	23909	
Reilly, NR	MATH	RGPIN	4044	Varieties and pseudovarieties of semigroups	Pure and Applied Mathematics - A / Mathém	4/5	16000	
Russell, RD	MATH	RGPIN	8781	Numerical solutions of partial differential equations	Computing and Information Sciences - B / Inf	5/5	76000	
Ruuth, SJ	MATH	RGPIN	227823	Algorithms, analysis and applications of numerical partial differential equations	Computing and Information Sciences - B / Inf	3/5	26000	
Stacho, L	MATH	RGPIN	261542	Combinatorial problems on network topologies	Computing and Information Sciences - B / Inf	4/4	23000	
Stockie, JM	MATH	RGPIN	238776	Modelling and simulation of complex flow with multi-physics and multiple scale	Mechanical Engineering / Génie mécanique	2/5	31000	
Trummer, MR	MATH	RGPIN	36901	Adaptivity in numerical methods	Computing and Information Sciences - B / Inf	3/5	30000	
Verner, JH	MATH	RGPIN	8147	Numerical solution of ordinary differential equations	Computing and Information Sciences - B / Inf	2/3	4350	
Williams, JF	MATH	RGPIN	327619	Asymptotics and simulation of singular phenomena	Pure and Applied Mathematics - B / Mathém	1/5	12000	
Wittenberg, RW	MATH	RGPIN	261892	Investigation of spatiotemporal chaos	Pure and Applied Mathematics - B / Mathém	4/4	15000	
Beh, CT	MBB	RGPIN	250263	Yeast oxysterol-binding proteins and lipid regulation	Cell Biology / Biologie cellulaire	1/5	33250	
Brinkman, FSL	MBB	RGPIN	240644	Prediction of protein subcellular localization for prokaryotes, using experiment	Cell Biology / Biologie cellulaire	1/5	34250	BIO
Chen, NJ	MBB	RGPIN	328095	Identification and analysis of gene batteries in caenorhabditis elegans	Molecular & Developmental Genetics / Gén	1/5	42600	OnHold ANI BIO
Craig, L	MBB	RGPIN	312152	Structure characterization of filamentous assemblies	Cell Biology / Biologie cellulaire	1/3	25000	BIO
Davidson, WS	MBB	RGPIN	219	Fate of duplicated lactate dehydrogenase genes in salmonids.	Molecular & Developmental Genetics / Gén	3/5	25000	BIO
Harden, NM	MBB	RGPIN	217532	Analysis of the roles of Rho family small GTPase signaling in drosophila epith	Molecular & Developmental Genetics / Gén	4/4	29700	BIO
Hawkins, NC	MBB	RGPIN	250095	Asymmetric neuroblast division in C elegans	Molecular & Developmental Genetics / Gén	2/3	43500	
Honda, BM	MBB	RGPIN	8391	Chromatin structure and gene expression in Drosophila heterochromatin	Molecular & Developmental Genetics / Gén	3/5	44260	
Paetzel, MW	MBB	RGPIN	250131	Structural and mechanistic studies of Ser/Lys dyad proteases	Cell Biology / Biologie cellulaire	5/5	37000	
Pio, FF	MBB	RGPIN	227832	Structural studies in apoptosis and cancer	Cell Biology / Biologie cellulaire	3/5	28140	BIO
Quarmby, LM	MBB	RGPIN	227132	Cilia and regulation of the cell cycle	Cell Biology / Biologie cellulaire	2/5	36100	BIO
Sen, D	MBB	RGPIN	105785	Selection and study of novel deoxyribozymes and riboswitches	Molecular & Developmental Genetics / Gén	1/5	99900	BIO
Thewalt, JL	MBB	RGPIN	183821	Domains in membranes & peptide interactions with cubic phase lipids	Cell Biology / Biologie cellulaire	3/5	31390	
Unrau, PJ	MBB	RGPIN	238948	Ribozyme chemistry and the RNA world	Molecular & Developmental Genetics / Gén	2/5	51500	
Verheyen, EM	MBB	RGPIN	203545	Crosstalk between signal transduction pathways mediating wing patterning an	Molecular & Developmental Genetics / Gén	4/4	34700	BIO
Young, EC	MBB	RGPIN	312124	Agonism and antagonism in cyclic nucleotide-gated channels	Cell Biology / Biologie cellulaire	2/5	37000	ANI BIO
Bechhoefer, JL	PHYS	RGPIN	105732	Studies in soft condensed matter and biophysical systems	Condensed Matter Physics / Physique de la r	2/5	57590	

Bolognesi, CR	PHYS	RGPIN	170824	Advanced semiconductor materials and devices for high bandwidth telecom a	Condensed Matter Physics / Physique de la r	4/4	56000	
Broun, DM	PHYS	RGPIN	261622	Low energy electrodynamic of novel metals and superconductors	Condensed Matter Physics / Physique de la r	4/4	39000	
Chen, MXK	PHYS	RGPIN	261624	Studies of skin cancer by microRaman spectroscopy and laser spectral imagin	Condensed Matter Physics / Physique de la r	1/2	23378	HUM ANI
Crozier, ED	PHYS	RGPIN	5343	XAFS spectroscopy and structural determinations of ordered and disordered s	Condensed Matter Physics / Physique de la r	5/5	44000	
Crozier, ED	PHYS	MFAIF	217096	PNCSTRF Pacific Northwest Consortium Synchrotron Radiation Facility	Major Facilities Access	1/3	195300	
Dodge, JS	PHYS	RGPIN	238349	Ultrafast spectroscopy of quantum materials	Condensed Matter Physics / Physique de la r	1/3	44348	
Emberly, EG	PHYS	RGPIN	283343	Computational design of molecular electronic systems	Condensed Matter Physics / Physique de la r	3/3	33260	
Forde, NR	PHYS	RGPIN	312576	Developing a molecular blueprint for mechanical response	Analytical & Physical Chemistry / Chimie ana	2/3	37000	
Friskken, BJ	PHYS	RGPIN	121807	Structure and dynamics of soft condensed matter	Condensed Matter Physics / Physique de la r	4/4	34000	
Haljan, PC	PHYS	RGPIN	327130	Trapped ions for quantum information processing	General Physics / Physique générale	1/5	35194	
Hayden, ME	PHYS	RGPIN	217243	Hyperpolarized noble gases: production and applications	Condensed Matter Physics / Physique de la r	4/4	39000	
Heinrich, BV	PHYS	RGPIN	9019	Magnetic and magnetoresistance studies of ultrathin films and nanostructures	Condensed Matter Physics / Physique de la r	4/4	92000	
Herbut, I	PHYS	RGPIN	216945	QED3 (three dimensional quantum electrodynamics) theory of underdoped hi	Condensed Matter Physics / Physique de la r	4/4	35000	
Huntley, DJ	PHYS	RGPIN	2879	Optical dating	Solid Earth Sciences / Sciences de la Terre s	2/2	25100	EI
Kavanagh, KL	PHYS	RGPIN	222869	Nanoscale analysis of semiconductor defects and interfaces.	Condensed Matter Physics / Physique de la r	5/7	53000	
Kavanagh, KL	PHYS	MFAIF	326858	Pacific Centre for Advanced Materials and Microstructures	Major Facilities Access	1/3	227850	
Kennett, MP	PHYS	RGPIN	327008	Out of equilibrium and disordered strongly interacting many particle systems	Condensed Matter Physics / Physique de la r	1/3	35378	
Kirczenow, G	PHYS	RGPIN	8681	Nanoscale physics	Condensed Matter Physics / Physique de la r	2/5	67580	
McGuirk, JM	PHYS	RGPIN	311871	Atom interferometry with bose-einstein condensates	General Physics / Physique générale	2/5	38000	
Mooney, P	PHYS	RGPIN	311687	Strain relaxation and defects in lattice mismatched semiconductor heterostruc	Condensed Matter Physics / Physique de la r	2/5	74780	
O'Neil, DC	PHYS	SAPPJ	261761	The D0 experiment: physics at the Energy Frontier	Subatomic Physics / Physique subatomique	2/2	250000	
Sonier, JE	PHYS	RGPIN	238307	Applications of nuclear probe techniques to materials science	Condensed Matter Physics / Physique de la r	1/5	56188	
Thewalt, MLW	PHYS	RGPIN	170925	Ultrahigh resolution spectroscopy of excitons and impurities in isotopically en	Condensed Matter Physics / Physique de la r	4/5	102000	
Trottier, HD	PHYS	SAPIN	138288	Two-loop perturbation theory for heavy-quark physics in lattice QCD	Subatomic Physics / Physique subatomique	3/5	60000	
Watkins, SP	PHYS	RGPIN	121282	Growth and characterization of III-V semiconductors and nanostructures	Condensed Matter Physics / Physique de la r	4/5	48000	
Zuckermann, MJ	PHYS	RGPIN	5932	Theoretical studies of lipid bilayer membranes and polymer systems	Condensed Matter Physics / Physique de la r	2/5	30000	
Blair, MRB	PSYC	RGPIN	327301	Selective processing of features, dimensions & feedback in human category le	Psychology: Brain, Behaviour & Cognitive Sc	1/5	15275	HUM
Di Lollo, V	PSYC	RGPIN	190955	Initial stages of visual information processing	Psychology: Brain, Behaviour & Cognitive Sc	3/5	70000	HUM
Fouladi, RT	PSYC	RGPIN	293265	Covariance structure analysis and model selection under diverse distributiona	Statistical Sciences / Statistique	3/3	12000	
McDonald, J	PSYC	RGPIN	227959	Brain mechanisms of human selective attention	Psychology: Brain, Behaviour & Cognitive Sc	2/5	21769	HUM
Mistlberger, RE	PSYC	RGPIN	155172	Behavioral regulation of circadian rhythms	Psychology: Brain, Behaviour & Cognitive Sc	4/4	34500	ANI
Read, JD	PSYC	RGPIN	7920	Reconstructive processes in autobiographical memory: feedback, availability e	Psychology: Brain, Behaviour & Cognitive Sc	2/5	17809	HUM
Spalek, TM	PSYC	RGPIN	262513	Information processing in the first half second of vision	Psychology: Brain, Behaviour & Cognitive Sc	1/5	16085	HUM
Watson, NV	PSYC	RGPIN	194522	Sexual dimorphism in neural structure and function	Psychology: Brain, Behaviour & Cognitive Sc	2/5	30809	HUM ANI
Weeks, DJ	PSYC	RGPIN	160549	Behavioural and neural mechanisms of perceptual-motor translation	Psychology: Brain, Behaviour & Cognitive Sc	1/5	20000	HUM
Whittlesea, BWA	PSYC	RGPIN	99826	Memory: production and evaluation in remembering and performance tasks	Psychology: Brain, Behaviour & Cognitive Sc	4/5	42000	HUM
Cox, SP	REM	RGPIN	262109	Behavioural ecology of fishing fleets	Evolution & Ecology / Évolution et écologie	4/4	17000	ANI EI
De la Mare, WK	REM	RGPIN	261455	The use of size data in assessment methods for conserving exploited fish pop	Evolution & Ecology / Évolution et écologie	3/5	15000	
Gobas, FAP	REM	RGPIN	111603	Bioaccumulation of organic chemicals in food-webs	Evolution & Ecology / Évolution et écologie	3/5	38600	ANI EI
Peterman, RM	REM	RGPIN	7101	Improved models for managing low-abundance Pacific salmon stocks	Evolution & Ecology / Évolution et écologie	5/5	57000	
Rothley, KD	REM	RGPIN	283144	Behavioural tradeoffs and species-specific response to disturbance	Evolution & Ecology / Évolution et écologie	3/5	13000	ANI EI
Altman, RJ	STATS	RGPIN	293140	Models for longitudinal data: unifying results	Statistical Sciences / Statistique	3/3	19000	
Bingham, DR	STATS	RGPIN	261574	New direction in industrial experiment design	Statistical Sciences / Statistique	4/4	19000	
Dean, CB	STATS	RGPIN	46119	New methodology for the design and analysis of longitudinal count studies wit	Statistical Sciences / Statistique	3/5	36000	
Graham, J	STATS	RGPIN	222886	Statistical genetics:disequilibrium mapping and other applications of the coale	Statistical Sciences / Statistique	5/5	20000	
Hu, JX	STATS	RGPIN	262823	Data analyses, interim reviews and design issues of longitudinal study in biom	Statistical Sciences / Statistique	1/5	15000	
Lockhart, RA	STATS	RGPIN	4023	Uniform asymptotic approximations	Statistical Sciences / Statistique	4/5	29000	
Lu, Y	STATS	RGPIN	327003	On Poisson models under Markovian environments and their applications in ri	Statistical Sciences / Statistique	1/3	13000	
McNeney, WB	STATS	RGPIN	227972	Statistical methods in genetic association studies	Statistical Sciences / Statistique	2/5	14000	
Parker, G	STATS	RGPIN	299361	Stochastic models in actuarial science	Statistical Sciences / Statistique	3/5	19000	
Routledge, RD	STATS	RGPIN	7529	Statistical methodology for use in population biology and resource managem	Statistical Sciences / Statistique	3/5	23000	ANI EI
Schwarz, CJ	STATS	RGPIN	165058	Modelling of animal population dynamics	Evolution & Ecology / Évolution et écologie	1/5	31000	
Sitter, R	STATS	RGPIN	182393	Analysis of survey data/experimental design	Statistical Sciences / Statistique	3/5	40000	
Stephens, MA	STATS	RGPIN	8561	Testing distributions and models	Statistical Sciences / Statistique	3/5	16000	
Swartz, TB	STATS	RGPIN	9268	Bayesian methods and applications	Statistical Sciences / Statistique	3/5	22000	
Tang, B	STATS	RGPIN	288264	Theory and applications of fractional factorial designs	Statistical Sciences / Statistique	3/5	25000	
Thompson, SK	STATS	RGPIN	327306	Adaptive sampling in space and time	Statistical Sciences / Statistique	1/5	25000	

Tsai, CL	STATS	RGPIN	311829	A connection between ruin theory of actuarial science and credit risk of financ	Statistical Sciences / Statistique	2/3	14000	
Zeng, L	STATS	RGPIN	327107	Challenges in transitional analysis of longitudinal data	Statistical Sciences / Statistique	1/3	15000	OnHold