

SIMON FRASER UNIVERSITY

LIST Number 1:

2004 NSERC Competition Results for New and On-Going Discovery Grants paid with Fiscal 2004/05 funds

Includes: RGPIN, RGPGP, SAPIN, SAPGP, SAPPJ

NAME	DEPT.	PROGRAM	APPLIC. No.	TITLE	NSERC CMTTEE	INSTAL.	AWARD \$\$	CONDITION	CERTIFICATE REQUIRED
Nelson, DE	ARCH	RGPIN	3257	Archaeometric research	Interdisciplinary	3/4	50000		EI
Beckenbach, AT	BISC	RGPIN	6716	Comparative genomics of animal mitochondria: structure, function and evolution	Molecular & Developmental Biology	1/5	39340		EI
Bendell-Young, LI	BISC	RGPIN	227217	Coupling seston geochemistry with feeding behaviour to predict carbon sequestration	Evolution & Ecology	4/4	30000		EI
Breden, FJ	BISC	RGPIN	138178	Genetic architecture and sexual selection in the guppy and its ancestor	Evolution & Ecology	3/4	28000		ANI EI
Crespi, BJ	BISC	RGPIN	121575	Phylogenetic and behavioural-ecological analysis of adaptive evolution	Evolution & Ecology	1/5	72500		EI
Delaney, KR	BISC	RGPIN	121698	Presynaptic calcium and transmitter release and modulation of synaptic plasticity	Integrative Animal Biology	1/2	32460		ANI
Dill, LM	BISC	RGPIN	6869	Habitat selection: population and community consequences of dispersal	Evolution & Ecology	4/4	66000		ANI EI
Farrell, AP	BISC	RGPIN	2622	Comparative cardiovascular physiology	Animal Physiology	4/4	83000		ANI
Green, DJ	BISC	RGPIN	261899	Dispersal and migration behaviour of birds in natural and human-altered environments	Evolution & Ecology	1/5	22000		ANI BIO EI
Gries, GJ	BISC	RGPIN	138394	Mechanisms of insect communication: new research opportunities	Evolution & Ecology	4/4	32000		EI
Hart, MW	BISC	RGPIN	203052	Reproduction and population genetics in marine invertebrates	Evolution & Ecology	1/5	25000	On Hold	
Hauerland, NH	BISC	RGPIN	41988	fatty acid-mediated gene control in animals	Integrative Animal Biology	1/5	49130		ANI BIO
Kennedy, CJ	BISC	RGPIN	121390	Energetic costs of xenobiotic cellular defense mechanisms	Integrative Animal Biology	1/5	30400		ANI
Kermode, AR	BISC	RGPIN	105744	Regulation of programmed cell death of the megagametophyte	Plant Biology & Food Science	2/4	33000		
Lank, DB	BISC	RGPIN	171290	Maintaining variation in ecologically significant traits in bird populations	Evolution & Ecology	2/4	24000		ANI EI
Lowenberger, CA	BISC	RGPIN	261940	Characterization of the innate immune response in Rhodnius prolixus	Integrative Animal Biology	2/4	40000		ANI BIO
Mathewes, RW	BISC	RGPIN	3835	Late-Quaternary vegetation dynamics and paleoclimate in the Pacific Northwest	Environmental Earth Science	3/4	46920		EI
Mattsson, JM	BISC	RGPIN	250089	Genetic dissection of plant vascular differentiation	Plant Biology & Food Science	3/4	46772		
Moore, MM	BISC	RGPIN	105704	Virulence factors of aspergillus fumigatus	Cell Biology	3/4	50000		ANI BIO
Nicholson, RA	BISC	RGPIN	42113	modulation of synaptic function in brain	Integrative Animal Biology	1/5	34430		ANI
Novales Flamarique, B	BISC	RGPIN	238886	Visual pathways that mediate ultraviolet and polarization sensitivity	Animal Biology	4/4	35000		ANI
Palsson, E	BISC	RGPIN	249789	Studying the interplay of cell adhesion, chemotaxis and cell motility	Interdisciplinary	3/4	22000		
Plant, AL	BISC	RGPIN	155303	Responses elicited in roots by environmental stress - a model system	Plant Biology & Food Science	1/5	32000		
Punja, ZK	BISC	RGPIN	46409	Plant-fungal pathogen interactions - roles of specific proteins	Plant Biology & Food Science	4/4	39000		BIO
Quarmby, LM	BISC	RGPIN	227132	Calcium signalling in chlamydomonas	Cell Biology	5/5	25000		BIO
Roitberg, BD	BISC	RGPIN	426	feeding tradeoffs in insects	Evolution & Ecology	1/5	59000		BIO
Webster, JM	BISC	RGPIN	4679	Host-parasite relationships of plant parasitic and insect parasitic nematodes	Plant Biology & Food Science	3/4	24038		EI
Williams, TD	BISC	RGPIN	155395	Physiology of life-histories: egg size and number and costs of reproduction	Evolution & Ecology	3/4	43000		ANI BIO EI
Winston, ML	BISC	RGPIN	7774	Behavioural and pheromonal factors influencing the organization of social groups	Evolution & Ecology	1/5	45000		ANI
Ydenberg, RC	BISC	RGPIN	92962	Predation danger and the evolutionary ecology of migrants	Evolution & Ecology	4/4	51000		ANI EI

Choo, EU	BUS	RGPIN	8432	Issues in preference calibration under multiple criteria	Industrial Engineering	4/4	11736	
Love, CE	BUS	RGPIN	18305	Estimation, control, and performance of failing systems	Industrial Engineering	3/4	17000	
Agnes, GR	CHEM	RGPIN	170234	Chemistry on and inside levitated droplets and particles	Analytical & Physical Chem	2/4	37300	BIO
Bennet, AJ	CHEM	RGPIN	121348	Mechanisms-based carbohydrate chemistry and biochemistry	Inorganic & Organic Chemi	3/4	86080	
Branda, NR	CHEM	RGPIN	194262	Molecular switches and assemblies for novel materials applications	Inorganic & Organic Chemi	4/4	60500	
Clyburne, JAC	CHEM	RGPIN	217459	Synthesis and reactivity of low coordinate main group elements	Inorganic & Organic Chemi	2/4	40000	
Eikerling, MH	CHEM	RGPIN	283193	Multiscale modeling of physical and chemical processes in catalysis	Analytical & Physical Chem	1/3	51936	
Hill, RH	CHEM	RGPIN	105340	Photochemical metal organic deposition of materials	Inorganic & Organic Chemi	3/4	64000	
Holdcroft, S	CHEM	RGPIN	93622	Morphological control of electroactive polymers	Analytical & Physical Chem	4/4	75000	
Leach, GW	CHEM	RGPIN	155643	Structure and dynamics at surfaces and interfaces	Analytical & Physical Chem	4/4	45000	
Leznoff, DB	CHEM	RGPIN	227141	Open-shell polynuclear metal complexes in inorganic chemistry	Inorganic & Organic Chemi	2/2	58000	
Li, PCH	CHEM	RGPIN	216925	Microfluidic lab-on-a-chip for drug discovery	Analytical & Physical Chem	2/2	39300	
Percival, PW	CHEM	RGPIN	9295	Hydrogen atom and free radical chemistry probed with muon spin rotation	Analytical & Physical Chem	4/4	50000	
Pinto, BM	CHEM	RGPIN	38227	Nature and origin of carbohydrate mimicry	Inorganic & Organic Chemi	1/5	100000	ANI
Plettner, E	CHEM	RGPIN	222923	Cytochrome P450 in synthesis and pheromone olfaction	Inorganic & Organic Chemi	3/3	44180	
Pomeroy, RK	CHEM	RGPIN	541	Cluster chemistry of osmium	Inorganic & Organic Chemi	5/5	56000	
Ressler, JJ	CHEM	SAPIN	293200	Nuclear structure studies with Isomers	Subatomic Physics	1/3	60000	On Hold
Slessor, KN	CHEM	RGPIN	3785	Semiochemical research	Interdisciplinary	3/3	33296	
Vocadlo, DJ	CHEM	RGPIN	298406	Chemical tools for the investigation of the O-GlcNAc modification	Inorganic & Organic Chemi	1/3	40000	On Hold
Wilkie, JJA	CHEM	RGPIN	228185	Theoretical methods for quantum chemical dynamics	Analytical & Physical Chem	1/5	46000	BIO
Williams, VE	CHEM	RGPIN	238724	Synthesis of functionalized polycyclic aromatic molecules for catalysis	Inorganic & Organic Chemi	2/2	30000	
Wilson, PD	CHEM	RGPIN	217573	Method-, target- and diversity-oriented organic synthesis	Inorganic & Organic Chemi	2/2	25000	
Wolfe, S	CHEM	RGPIN	105321	Structure-activity and structure reactivity relationships	Inorganic & Organic Chemi	2/2	20000	
Ye, ZG	CHEM	RGPIN	203773	Electrically and magnetically active ferroic materials: Synthesis and characterization	Inorganic & Organic Chemi	3/4	65100	
Yu, HZ	CHEM	RGPIN	239068	DNA-modified surfaces: design, fabrication, and electrical characterization	Analytical & Physical Chem	2/2	50000	
Atkins, MS	CMPT	RGPIN	8020	Visualisation and image processing in medicine	Computing and Information	4/4	34000	HUM
Berenbrink, P	CMPT	RGPIN	250284	Algorithms for mobile ad hoc networks	Computing and Information	3/4	28000	
Bhattacharya, BK	CMPT	RGPIN	2422	Application of computational geometry in facility location optimization	Computing and Information	4/4	31000	
Cameron, RD	CMPT	RGPIN	2429	Sociotechnical design of public computing infrastructure	Computing and Information	2/5	13000	
Dahl, V	CMPT	RGPIN	2436	Human language processing for knowledge based and intelligent systems	Computing and Information	1/1	33600	
Delgrande, JP	CMPT	RGPIN	884	Theory and implementation for incomplete, evolving knowledge bases	Computing and Information	3/4	32000	
Drew, MS	CMPT	RGPIN	217149	Physics-based colour models in computer vision, colour science and graphics	Computing and Information	2/4	33000	
Ergun, AF	CMPT	RGPIN	298343	Efficient algorithms for property testing of massive data	Computing and Information	1/5	22000	On Hold
Ester, M	CMPT	RGPIN	250960	Mining in large hypertext databases: advanced clustering and classification	Computing and Information	3/4	27000	
Funt, BV	CMPT	RGPIN	4322	Computational colour perception with applications to colour management	Computing and Information	1/5	40000	
Glaesser, UP	CMPT	RGPIN	262065	High level design of distributed and embedded systems	Computing and Information	2/4	31000	
Gu, Q	CMPT	RGPIN	250304	Efficient Routing Algorithms on WDM Optical Networks	Computing and Information	3/4	27000	
Gupta, A	CMPT	RGPIN	105809	Algorithmic complexity and constructivity	Computing and Information	3/4	33000	
Hadley, RF	CMPT	RGPIN	899	Cognitive architecture in connectionist networks	Computing and Information	1/5	32000	

Hamarneh, G	CMPT	RGPIN	298324	Context-based deformable models for medical image analysis	Computing and Information	1/3	18000	
Havens, WS	CMPT	RGPIN	90307	Resolving hard constraint satisfaction problems	Computing and Information	4/4	28000	
Hell, PT	CMPT	RGPIN	5075	Complexity of combinatorial problems	Computing and Information	2/5	64000	
Kabanets, V	CMPT	RGPIN	298363	Randomness in computation	Computing and Information	1/3	27035	
Kameda, T	CMPT	RGPIN	5240	Polygon search and video-on-demand	Computing and Information	2/2	45045	
Kirkpatrick, AE	CMPT	RGPIN	250314	Assessment of haptic user interfaces	Computing and Information	3/4	19000	HUM
Krishnamurti, R	CMPT	RGPIN	36809	Approximation algorithms for combinatorial optimization	Computing and Information	4/4	18480	
Kumar, VS	CMPT	RGPIN	249872	Personalized distributed computing	Computing and Information	3/4	16000	HUM
Li, ZN	CMPT	RGPIN	36726	Object-based video processing and retrieval	Computing and Information	4/4	24000	
Liestman, AL	CMPT	RGPIN	1734	Network structure and communication	Computing and Information	3/4	32000	
Liu, J	CMPT	RGPIN	288325	Adaptive scalable video streaming over the heterogeneous network	Computing and Information	1/3	22700	On Hold
Mitchell, DG	CMPT	RGPIN	238987	Proof complexity and constraint satisfaction	Computing and Information	4/4	21000	
Möller, T	CMPT	RGPIN	228413	Volume Rendering of irregular grids	Computing and Information	5/5	13000	
Peters, JG	CMPT	RGPIN	322	Modelling and analysis of communication networks	Computing and Information	4/4	18000	
Popowich, FP	CMPT	RGPIN	41910	Knowledge based cross lingual information retrieval	Computing and Information	3/4	27000	
Sahinalp, CS	CMPT	RGPIN	298339	Human genome expansion and molecular interactions: an algorithmic approach	Computing and Information	1/5	33000	
Sarkar, A	CMPT	RGPIN	262313	Ensemble techniques for the statistical parsing of natural languages	Computing and Information	2/4	26000	
Schulte, ON	CMPT	RGPIN	217331	A learning-theoretic approach to discovering causal models	Computing and Information	2/4	18000	
Shermer, TC	CMPT	RGPIN	46218	Graph-theoretic topics in visibility and network design	Computing and Information	2/5	27000	
Ternovskaia, EA	CMPT	RGPIN	238989	Computational aspects of reasoning about dynamic systems	Computing and Information	4/4	23000	
Vaughan, RT	CMPT	RGPIN	298256	Highly autonomous intelligent robots	Computing and Information	1/1	14000	
Wang, K	CMPT	RGPIN	227827	Actionable data mining	Computing and Information	1/5	29700	
Woodbury, RF	CMPT	RGPIN	250333	Exploring design spaces: algorithms and interactions and applications	Computing and Information	3/4	30000	
Zhang, H	CMPT	RGPIN	262118	Signal processing of 3-D mesh geometry: theory and applications	Computing and Information	2/4	21000	
Allen, DM	EARTH	RGPIN	203028	Representing heterogeneity in regional fractured sedimentary basins	Environmental Earth Sciences	2/4	19800	EI
Calvert, AJ	EARTH	RGPIN	155519	Seismic studies of ancient and modern subduction zones	Solid Earth Sciences	2/4	32800	EI
Clague, J	EARTH	RGPIN	217051	Late holocene environmental and climate change southern California	Environmental Earth Sciences	4/4	30560	EI
MacEachern, JA	EARTH	RGPIN	184293	Integrated ichnological-sedimentological siliciclastic facies	Solid Earth Sciences	3/4	24560	EI
Marshall, D	EARTH	RGPIN	217031	Petrology, tectonics, thermobarometry and thermochronology	Solid Earth Sciences	2/4	23450	EI
Mustard, PS	EARTH	RGPIN	184290	Sedimentology, stratigraphy and tectonic significance of sedimentary basins	Solid Earth Sciences	2/4	23890	EI
Stead, D	EARTH	RGPIN	36375	Kinematics, comminution and energy considerations in surface erosion	Civil Engineering	4/4	26000	EI
Thorkelson, DJ	EARTH	RGPIN	194090	Tectonic significance of cordilleran magmatism	Solid Earth Sciences	4/4	27500	EI
Ward, BC	EARTH	RGPIN	216911	Pleistocene stratigraphy and paleoenvironmental reconstruction	Environmental Earth Sciences	1/5	18600	EI
Williams-Jones, G	EARTH	RGPIN	283274	Magma chamber dynamics and eruption triggering from internal processes	Solid Earth Sciences	1/5	26690	EI
Beg, MF	ENSC	RGPIN	298253	Methods for computational anatomy	Interdisciplinary	1/5	18573	
Bird, JS	ENSC	RGPIN	36383	Small aperture 3D bottom imaging and bathymetry sonar	Electromagnetics & Electronics	3/4	44120	EI
Cavers, JK	ENSC	RGPIN	5950	Wireless system design based on interference groups	Communications, Computing and Information	2/5	39850	
Chapman, GH	ENSC	RGPIN	105512	Laser enhancement of large area photonic circuits, microfluidics	Communications, Computing and Information	3/4	32000	
Dill, JC	ENSC	RGPIN	37944	Visualizing information spaces	Computing and Information	1/5	24700	

Gray, BL	ENSC	RGPIN	298231	Interconnect and assembly of microinstruments	Interdisciplinary	1/5	23460	
Gruver, WA	ENSC	RGPIN	138258	Holonic design and integration of intelligent robotic system	Electromagnetics & Electric	5/5	29000	
Gupta, KK	ENSC	RGPIN	36585	Simultaneous path planning and exploration for general rol	Electromagnetics & Electric	3/4	41550	
Ho, PKM	ENSC	RGPIN	4042	Efficient and reliable transmission techniques for wireless c	Communications, Compute	2/4	24850	
Karim, KS	ENSC	RGPIN	288147	Large area biomedical imaging	Communications, Compute	1/5	22000	
Kim, DI	ENSC	RGPIN	283138	Dynamic link adaptation in heterogeneous wireless networ	Communications, Compute	1/5	31000	
Parameswaran, AM	ENSC	RGPIN	105793	Integrated microsystems for detection and analysis	Interdisciplinary	2/5	40000	
Payandeh, S	ENSC	RGPIN	121296	Modelling and control of multi-agent manipulating system	Mechanical Engineering	2/4	22000	
Saif, M	ENSC	RGPIN	36407	Real time process fault detection and isolation: challenges	Electromagnetics & Electric	3/4	43470	
Stapleton, SP	ENSC	RGPIN	41824	Software defined transmitters for wireless applications	Communications, Compute	1/5	24000	
Syrzycki, MJ	ENSC	RGPIN	41826	Advanced CMOS devices and circuits for integrated micro:	Communications, Compute	1/5	20000	
Trajkovic, L	ENSC	RGPIN	216844	Simulation and analysis of high-performance networks: tra	Communications, Compute	2/4	24850	
Vaughan, RG	ENSC	RGPIN	288165	Signal processing and antennas for high efficiency digital c	Electromagnetics & Electric	1/1	21000	
Brennand, TA	GEOG	RGPIN	194107	Reconstructing past ice sheet dynamics and hydrology froi	Environmental Earth Scienc	4/4	29840	EI
Dragicevic, S	GEOG	RGPIN	250518	Modeling spatial processes using GIS, fuzzy sets and cellu	Environmental Earth Scienc	3/4	18000	
Hickin, EJ	GEOG	RGPIN	8376	Fluvial processes, geomorphology, and sedimentology of r	Environmental Earth Scienc	3/4	30620	EI
Lesack, LFW	GEOG	RGPIN	108110	Biogeochemistry of lakes in the Mackenzie Delta	Evolution & Ecology	3/4	40000	EI
Quinton, WL	GEOG	RGPIN	238441	Modelling runoff from peat-covered hillslopes in permafros	Environmental Earth Scienc	4/4	24560	EI
Accili, EA	KINES	RGPIN	203288	Comparative studies of pacemaker channels	Cell Biology	2/4	22400	HUM ANI BIO
Bawa, PNS	KINES	RGPIN	7135	Facilitation in the neuromuscular system with high frequen	Integrative Animal Biology	1/5	21640	HUM
MacKenzie, CL	KINES	RGPIN	120869	Human manipulation and remote manipulation	Integrative Animal Biology	3/4	25410	HUM
Milner, TE	KINES	RGPIN	142009	Adaptive control of limb mechanics	Mechanical Engineering	4/4	31000	HUM
Rosin, MP	KINES	RGPIN	22216	Mechanisms underlying chromosomal instability in mamma	Molecular & Developmenta	2/4	39600	BIO
Tibbits, GF	KINES	RGPIN	2321	Regulation of contractility in the salmonid heart	Integrative Animal Biology	3/4	58015	HUM ANI
Vieira, AV	KINES	RGPIN	238231	Cellular and molecular mechanisms of vitamin a transport	Cell Biology	2/4	24400	ANI BIO
Weeks, DJ	KINES	RGPIN	160549	Perceptual-motor behaviour	Psychology: Brain, Behavic	3/4	22000	HUM
Taboada, MT	LING	RGPIN	261104	Computational analysis of text sentiment	Computing and Information	1/5	17000	On Hold HUM
Taboada, MT	LING	RGPIN	261104	Computational analysis of text sentiment	Computing and Information	2/4	16000	HUM
Borwein, JM	MATH	RGPIN	139620	Computationally assisted analysis and applications	Pure and Applied Mathema	2/5	42000	
Borwein, PB	MATH	RGPIN	152758	Computational number theory and analysis	Pure and Applied Mathema	1/5	33000	
Brown, TC	MATH	RGPIN	3983	Ramsey theory	Pure and Applied Mathema	4/4	10000	
Bruin, NR	MATH	RGPIN	261486	Rational points on curves and abelian varieties	Pure and Applied Mathema	2/4	14500	
Chen, I	MATH	RGPIN	227250	Arithmetic and geometry of modular curves	Pure and Applied Mathema	1/5	12000	
Choksi, R	MATH	RGPIN	203327	Nonlocal variational problems--patterns and scales in mater	Pure and Applied Mathema	3/4	24000	
Goddyn, LA	MATH	RGPIN	105452	Studies in graph and matroids	Pure and Applied Mathema	3/4	25000	
Jedwab, J	MATH	RGPIN	278420	Exploratory computational study of discrete mathematics p	Computing and Information	1/3	14000	
Kropinski, MCA	MATH	RGPIN	203326	Fast Algorithms for fluid flows with complex geometry	Pure and Applied Mathema	3/4	19000	
Lewis, AS	MATH	RGPIN	42558	Eigenvalue optimization and nonsmooth analysis	Pure and Applied Mathema	2/5	26000	
Monagan, MB	MATH	RGPIN	184172	Algorithms for the simplification of algebraic formulae	Computing and Information	1/5	30000	

Promislow, KS	MATH	RGPIN	184157	Modeling and analysis of physical systems	Pure and Applied Mathema	5/5	20000	
Reilly, NR	MATH	RGPIN	4044	Varieties and pseudovarieties of semigroups	Pure and Applied Mathema	3/5	16000	
Russell, RD	MATH	RGPIN	8781	Numerical solutions of partial differentieal equations	Computing and Information	3/5	76000	
Ruuth, SJ	MATH	RGPIN	227823	Algorithms, analysis and applications of numerical partial c	Computing and Information	1/5	26000	
Stacho, L	MATH	RGPIN	261542	Combinatorial problems on network topologies	Computing and Information	2/4	23000	
Trummer, MR	MATH	RGPIN	36901	Adaptivity in numerical methods	Computing and Information	1/5	30000	
Verner, JH	MATH	RGPIN	8147	Numerical solution of ordinary differential equations	Computing and Information	1/3	4350	
Wittenberg, RW	MATH	RGPIN	261892	Investigation of spatiotemporal chaos	Pure and Applied Mathema	2/4	15000	
Baillie, DL	MBB	RGPIN	9975	Fundamental characterization of a defined region of the C.	Molecular & Developmenta	6/6	83160	BIO
Beh, CT	MBB	RGPIN	250263	Yeast oxysterol-binding proteins and intracellular stero-lipi	Cell Biology	3/4	35000	
Brandhorst, BP	MBB	RGPIN	45977	Embryonic and larval development	Molecular & Developmenta	2/4	59400	BIO
Brinkman, FSL	MBB	RGPIN	240644	Computationally identifying and characterizing outer membt	Cell Biology	4/4	30000	BIO
Davidson, WS	MBB	RGPIN	219	Fate of duplicated lactate dehydrogenase genes in salmon	Molecular & Developmenta	1/5	25000	BIO
Harden, NM	MBB	RGPIN	217532	Analysis of the roles of Rho family small GTPase signaling	Molecular & Developmenta	2/4	29700	BIO
Hawkins, NC	MBB	RGPIN	250095	Investigation of Wnt signaling and HAM-1 localization durir	Molecular & Developmenta	3/3	44560	ANI
Honda, BM	MBB	RGPIN	8391	Chromatin structure and gene expression in Drosophila he	Molecular & Developmenta	1/5	44260	
Paetzel, MW	MBB	RGPIN	250131	Structural and mechanistic studies of Ser/Lys dyad proteas	Cell Biology	3/4	37000	
Pio, FF	MBB	RGPIN	227832	Structural studies in apoptosis and cancer	Cell Biology	1/5	28140	BIO
Sen, D	MBB	RGPIN	105785	Extending the catalytic and functional horizons of DNA anc	Molecular & Developmenta	3/4	68840	BIO
Smith, MJ	MBB	RGPIN	499	Organellar genomics and mitochondrial gene rearrangeme	Molecular & Developmenta	4/4	52000	ANI BIO
Thewalt, JL	MBB	RGPIN	183821	Domains in membranes & peptide interactions with cubic p	Cell Biology	1/5	31390	
Verheyen, EM	MBB	RGPIN	203545	Crosstalk between signal transduction pathways mediating	Molecular & Developmenta	2/4	34700	BIO
Pelletier, FJ	PHIL	RGPIN	5525	Knowledge representation, inference, and semantics	Computing and Information	3/4	35000	
Ballentine, LE	PHYS	RGPIN	4612	Quantum chaos and the quantum-classical interface	General Physics	2/4	15000	
Bechhoefer, JL	PHYS	RGPIN	105732	Equilibrium and nonequilibrium studies of interfaces in soft	Condensed Matter Physics	7/7	46085	
Boal, DH	PHYS	RGPIN	3305	Mechanical evolution of the cell	Condensed Matter Physics	4/5	35000	
Bolognesi, CR	PHYS	RGPIN	170824	Advanced semiconductor materials and devices for high b	Condensed Matter Physics	2/4	56000	
Broun, DM	PHYS	RGPIN	261622	Low energy electrodynamics of novel metals and supercor	Condensed Matter Physics	2/4	39000	
Chen, MXK	PHYS	RGPGP	261624	Studies of superconductors, semiconductors and human c.	Condensed Matter Physics	2/2	36000	HUM ANI
Crozier, ED	PHYS	RGPIN	5343	XAFS spectroscopy and structural determinations of order	Condensed Matter Physics	3/4	44000	
Emberly, EG	PHYS	RGPIN	283343	Computational desigh of molecular electronic systems	Condensed Matter Physics	1/3	33260	On Hold
Frindt, RF	PHYS	RGPIN	2412	Formation and properties of novel layered systems	Condensed Matter Physics	3/3	30000	
Frisken, BJ	PHYS	RGPIN	121807	Structure and dynamics of soft condensed matter	Condensed Matter Physics	2/3	34000	
Hayden, ME	PHYS	RGPIN	217243	Hyperpolarized noble gases: production and applications	Condensed Matter Physics	2/3	39000	
Heinrich, BV	PHYS	RGPIN	9019	Magnetic and magnetoresistance studies of ultrathin films	Condensed Matter Physics	2/4	92000	
Herbut, I	PHYS	RGPIN	216945	QED3 (three dimensional quantum electrodynamics) theor	Condensed Matter Physics	2/4	35000	
Huntley, DJ	PHYS	RGPIN	2879	Optical dating	Solid Earth Sciences	4/4	35000	EI
Kavanagh, KL	PHYS	RGPIN	222869	Nanoscale analysis of semiconductor defects and interface	Condensed Matter Physics	3/4	53000	
Kirczenow, G	PHYS	RGPIN	8681	Nanoscale Physics	Condensed Matter Physics	5/5	65000	

O'Neil, DC	PHYS	SAPPJ	261761	The D0 experiment/physics at the Energy Frontier	Subatomic Physics	2/2	122000	
Plischke, M	PHYS	RGPIN	8461	Theory of complex fluids and gels	Condensed Matter Physics	3/4	48000	
Thewalt, MLW	PHYS	RGPIN	170925	Ultrahigh resolution spectroscopy of excitons and impurities	Condensed Matter Physics	2/5	102000	
Trottier, HD	PHYS	SAPIN	138288	Two-loop perturbation theory for heavy-quark physics in lattice QCD	Subatomic Physics	1/5	60000	
Viswanathan, KS	PHYS	SAPIN	2884	Studies in super string theories	Subatomic Physics	2/3	21000	
Watkins, SP	PHYS	RGPIN	121282	Growth and characterization of III-V semiconductors and nanowires	Condensed Matter Physics	2/5	48000	
Zuckermann, MJ	PHYS	RGPIN	5932	Theoretical studies of structured fluids and polymer systems	Condensed Matter Physics	5/5	40000	
Fouladi, RT	PSYC	RGPIN	293265	Covariance structure analysis and model selection under complex dependence	Statistical Sciences	1/3	12000	
Maraun, D	PSYC	RGPIN	249541	Latent variable models in the behavioural sciences	Psychology: Brain, Behavior & Society	3/4	12000	
Mistlberger, RE	PSYC	RGPIN	155172	Behavioral regulation of circadian rhythms	Psychology: Brain, Behavior & Society	2/4	34500	ANI
Read, JD	PSYC	RGPIN	7920	Reconstructive processes in autobiographical memory: a developmental perspective	Psychology: Brain, Behavior & Society	4/4	21900	HUM
Watson, NV	PSYC	RGPIN	194522	Regulation of reproductive behaviours and neural sexual dimorphism	Psychology: Brain, Behavior & Society	4/4	30500	HUM ANI
Whittlesea, BWA	PSYC	RGPIN	99826	Memory: production and evaluation in remembering and forgetting	Psychology: Brain, Behavior & Society	2/5	42000	HUM
Wright, RD	PSC	RGPIN	133551	Visual attention, eye movements, and spatial localization	Psychology: Brain, Behavior & Society	3/4	21853	HUM
Cox, SP	REM	RGPIN	262109	Behavioural ecology of fishing fleets	Evolution & Ecology	2/4	17000	ANI EI
De la Mare, WK	REM	RGPIN	261455	The use of size data in assessment methods for conserving biodiversity	Evolution & Ecology	1/5	15000	
Gobas, FAP	REM	RGPIN	111603	Bioaccumulation of organic chemicals in food-webs	Evolution & Ecology	1/5	38600	ANI EI
Peterman, RM	REM	RGPIN	7101	Improved models for managing low-abundance Pacific salmon	Evolution & Ecology	4/4	57000	
Rothley, KD	REM	RGPIN	283144	Behavioural tradeoffs and species-specific response to disturbance	Evolution & Ecology	1/5	13000	ANI EI
Hatala, M	SFU Surrey	RGPIN	238798	Ontologies as conceptual models for corporate repositories	Computing and Information Sciences	4/4	12000	
Kyrylov, V	SFU Surrey	RGPIN	249869	Constructive reasoning about time and space	Computing and Information Sciences	3/4	12000	
Wiese, KC	SFU Surrey	RGPIN	238298	Evolutionary computation - principles and applications	Computing and Information Sciences	4/4	15000	
Ben Youssef, B	SFU Surrey	RGPIN	283278	Three-dimensional cellular automata models for tissue engineering	Computing and Information Sciences	1/2	12000	
Bingham	STATS	RGPIN	261574	New directions in industrial statistics	Statistical Sciences	2/4	19000	
Dean, CB	STATS	RGPIN	46119	New methodology for the design and analysis of longitudinal data	Statistical Sciences	1/5	36000	
Graham, J	STATS	RGPIN	222886	Statistical genetics: disequilibrium mapping and other applications	Statistical Sciences	3/4	20000	
Hu, JX	STATS	RGPIN	262823	Incomplete data analyses, interim reviews and related developments	Statistical Sciences	2/3	17000	
Lockhart, RA	STATS	RGPIN	4023	Uniform asymptotic approximations	Statistical Sciences	2/5	29000	
MacKay, RJ	STATS	RGPIN	293140	Models for longitudinal data: unifying results	Statistical Sciences	1/3	19000	On Hold
McNeney, WB	STATS	RGPIN	227972	Statistical aspects of epidemiologic study design	Statistical Sciences	4/4	14000	
Parker, G	STATS	RGPIN	299361	Stochastic models in actuarial science	Statistical Sciences	1/5	19000	
Routledge, RD	STATS	RGPIN	7529	Statistical methodology for use in population biology and related fields	Statistical Sciences	1/5	23000	ANI EI
Schwarz, CJ	STATS	RGPIN	165058	Modelling of animal population dynamics	Evolution & Ecology	3/4	30000	
Sitter, R	STATS	RGPIN	182393	Analysis of survey data/experimental design	Statistical Sciences	1/5	40000	
Stephens, MA	STATS	RGPIN	8561	Testing distributions and models	Statistical Sciences	1/5	16000	
Swartz, TB	STATS	RGPIN	9268	Bayesian methods and applications	Statistical Sciences	1/5	22000	
Tang, B	STATS	RGPIN	288264	Theory and applications of fractional factorial designs	Statistical Sciences	1/5	25000	