

## Simon Fraser

### 2005 Competition Results and On-Going Grants Discovery Grants paid with fiscal 2005/06 funds

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

List posting date: 21 MAR 2005

Applicant Name	Dept.	Program	Applic. ID	Title	Committee Name	Instal	Awarded Amount	Condi-tional	Certificati-on
Nelson, DE	ARCH	RGPIN	3257	Archaeometric research	Interdisciplinary	4/4	50000		EI
Beckenbach, AT	BISC	RGPIN	6716	Comparative genomics of animal mitochondria: Molecular & Developm	Evolution & Ecology	2/5	39340		EI
Bendell-Young, LI	BISC	RGPIN	227217	Marine biogeochemistry and ecotoxicology of c	Evolution & Ecology	1/5	28000		EI
Breden, FJ	BISC	RGPIN	138178	Genetic architecture and sexual selection in the	Evolution & Ecology	4/4	28000		EI ANI
Crespi, BJ	BISC	RGPIN	121575	Phylogenetic and behavioural-ecological analys	Evolution & Ecology	2/5	72500		EI
Dill, LM	BISC	RGPIN	6869	Habitat selection: population and community co	Evolution & Ecology	5/5	66000		ANI EI
Elle, E	BISC	RGPIN	227797	Evolutionary ecology of plant mating systems	Evolution & Ecology	5/5	25000		EI
Green, DJ	BISC	RGPIN	261899	Dispersal and migration behaviour of birds in na	Evolution & Ecology	2/5	22000		ANI EI BIO
Gries, GJ	BISC	RGPIN	138394	Mechanisms of insect communication and host	Evolution & Ecology	1/5	28000		
Hart, MW	BISC	RGPIN	203052	Reproduction and population genetics in marin	Evolution & Ecology	2/5	25000		
Hauerland, NH	BISC	RGPIN	41988	fatty acid-mediated gene control in animals	Integrative Animal Biol	2/5	49130		ANI BIO
Kennedy, CJ	BISC	RGPIN	121390	Energetic costs of xenobiotic cellular defense m	Integrative Animal Biol	2/5	30400		ANI
Kermode, AR	BISC	RGPIN	105744	Regulation of programmed cell death of the me	Plant Biology & Food S	3/4	33000		
Lank, DB	BISC	RGPIN	171290	Maintaining variation in ecologically significant t	Evolution & Ecology	3/4	24000		ANI EL
Lowenberger, CA	BISC	RGPIN	261940	Characterization of the innate immune response	Integrative Animal Biol	3/4	40000		ANI BIO
Mathewes, RW	BISC	RGPIN	3835	Late-queternary vegetation dynamics and paleo	Environmental Earth S	4/4	46920		EI
Mattsson, JM	BISC	RGPIN	250089	Genetic dissection of plant vascular differentiati	Plant Biology & Food S	4/4	46772		
Mooers, AO	BISC	RGPIN	238463	Creation and maintenance of biological diversity	Evolution & Ecology	5/5	45495		
Moore, MM	BISC	RGPIN	105704	Virulence factors of aspergillus fumigatus	Cell Biology	4/5	50000		ANI BIO
Nicholson, RA	BISC	RGPIN	42113	modulation of synaptic function in brain	Integrative Animal Biol	2/5	34430		ANI
Novales Flamarique	BISC	RGPIN	238886	Mechanisms underlying chromatic organization	Integrative Animal Biol	1/5	44478		ANI HUM
Plant, AL	BISC	RGPIN	155303	Responses elicited in roots by environmental sti	Plant Biology & Food S	2/5	32000		
Punja, ZK	BISC	RGPIN	46409	Plant root-fungal pathogen interactions	Plant Biology & Food S	1/5	60000		BIO
Roitberg, BD	BISC	RGPIN	426	feeding tradeoffs in insects	Evolution & Ecology	2/5	59000		BIO
Webster, JM	BISC	RGPIN	4679	Host-parasite relationships of plant parasitic anc	Plant Biology & Food S	4/4	24038		EI
Williams, TD	BISC	RGPIN	155395	Physiology of life-histories: egg size and numbe	Evolution & Ecology	4/4	43000		ANI EI
Winston, ML	BISC	RGPIN	7774	Behavioural and pheromonal factors influencing	Evolution & Ecology	2/5	45000		ANI
Ydenberg, RC	BISC	RGPIN	92962	Predation danger and the annual cycle of migra	Evolution & Ecology	1/5	51300		ANI BIO EI
Choo, EU	BUS	RGPIN	8432	Issues and applications of calibration under mul	Industrial Engineering	1/5	11000		
Gemino, C	BUS	RGPIN	239755	A multimedia tool for requirements engineering	Industrial Engineering	1/5	21000		HUM
Love, CE	BUS	RGPIN	18305	Estimation, control, and performance of failing s	Industrial Engineering	4/4	17000		

Wedley, WC	BUS	RGPIN	123621	Multiple criteria measurement via comparison n	Industrial Engineering	1/5	13692	
Agnes, GR	CHEM	RGPIN	170234	Chemistry on and inside levitated droplets and r	Analytical & Physical C	3/4	37300	BIO
Bennet, AJ	CHEM	RGPIN	121348	Mechanisms-based carbohydrate chemistry anc	Inorganic & Organic Cl	4/4	86080	
Branda, NR	CHEM	RGPIN	194262	Molecular switches and assemblies for novel m	Inorganic & Organic Cl	5/5	60500	
Branda, NR	CHEM	SMFSU	320346	Photoresponsive molecules in health sciences	E.W.R. Steacie Fellow	1/2	114500	On Hold
Clyburne, JAC	CHEM	RGPIN	217459	Synthesis and reactivity of low coordinate main	Inorganic & Organic Cl	3/4	40000	
Eikerling, MH	CHEM	RGPIN	283193	Multiscale modeling of physical and chemical pr	Analytical & Physical C	2/3	51936	
Gates, BD	CHEM	RGPIN	312596	New approaches to nanostructured materials wi	Analytical & Physical C	1/3	37000	
Hill, RH	CHEM	RGPIN	105340	Photochemical metal organic deposition of mate	Inorganic & Organic Cl	4/4	64000	
Holdcroft, S	CHEM	RGPIN	93622	Morphological control of electroactive polymers	Analytical & Physical C	5/5	75000	
Leach, GW	CHEM	RGPIN	155643	Structure and dynamics at surfaces and interfa	Analytical & Physical C	5/5	45000	
Leznoff, DB	CHEM	RGPIN	227141	Open-shell polynuclear metal complexes in inor	Inorganic & Organic Cl	3/3	58000	
Li, PCH	CHEM	RGPIN	216925	Microfluidic lab-on-a-chip for drug discovery	Analytical & Physical C	3/3	39300	
O'Neill, MA	CHEM	RGPIN	312645	Dynamics and mechanisms of biomolecular sign	Inorganic & Organic Cl	1/3	37000	BIO
Percival, PW	CHEM	RGPIN	9295	Hydrogen atom and free radical chemistry prob	Analytical & Physical C	5/5	50000	
Pinto, BM	CHEM	RGPIN	38227	Nature and origin of carbohydrate mimicry	Inorganic & Organic Cl	2/5	100000	ANI
Plettner, E	CHEM	RGPIN	222923	Discovery and modification of cytochrome P450	Inorganic & Organic Cl	1/5	48000	ANI
Pomeroy, RK	CHEM	RGPIN	541	Cluster chemistry of osmium	Inorganic & Organic Cl	6/6	56000	ANI
Ressler, JJ	CHEM	SAPIN	293200	Nuclear structure studies with Isomers	Subatomic Physics	2/3	65000	ANI
Vocadlo, DJ	CHEM	RGPIN	298406	Chemical tools for the investigation of the O-Glc	Inorganic & Organic Cl	2/3	40000	BIO
Walsby, CJ	CHEM	RGPIN	312575	Structure Activity relationships in catalytic metal	Analytical & Physical C	1/3	32000	
Weinberg, N	CHEM	RGPIN	184086	Nonequilibrium solvation in high pressure reacti	Analytical & Physical C	5/5	20000	
Wilkie, JJA	CHEM	RGPIN	228185	Theoretical methods for quantum chemical dyn	Analytical & Physical C	2/5	46000	
Williams, VE	CHEM	RGPIN	238724	Synthesis of functionalized polycyclic aromatic r	Inorganic & Organic Cl	3/3	30000	
Wilson, PD	CHEM	RGPIN	217573	Method-, target- and diversity-oriented organic	Inorganic & Organic Cl	3/3	25000	
Wolfe, S	CHEM	RGPIN	105321	Structure-activity and structure-reactivity relati	Inorganic & Organic Cl	1/5	30000	
Ye, ZG	CHEM	RGPIN	203773	Electrically and magnetically active ferroic mate	Inorganic & Organic Cl	4/4	65100	
Yu, HZ	CHEM	RGPIN	239068	DNA-modified surfaces: design, fabrication, and	Analytical & Physical C	3/3	50000	
Atkins, MS	CMPT	RGPIN	8020	Computers in medicine for diagnosis and visual	Computing and Inform:	1/5	37000	HUM
Bhattacharya, BK	CMPT	RGPIN	2422	Application of computational geometry in facility	Computing and Inform:	5/5	31000	
Bulatov, AA	CMPT	RGPIN	313357	Constraint problems coplexity and algorithms	Computing and Inform:	1/5	30000	
Cameron, RD	CMPT	RGPIN	2429	Sociotechnical design of public computing infras	Computing and Inform:	3/5	13000	
Dahl, V	CMPT	RGPIN	2436	Human language processing for knowledge bas	Computing and Inform:	2/2	33600	
Delgrande, JP	CMPT	RGPIN	884	Theory and implementation for incomplete, evol	Computing and Inform:	4/4	32000	
Drew, MS	CMPT	RGPIN	217149	Physics-based colour models in computer visior	Computing and Inform:	3/4	33000	
Ergun, AF	CMPT	RGPIN	298343	Efficient algorithms for property testing of massi	Computing and Inform:	2/5	22000	
Ester, M	CMPT	RGPIN	250960	Mining in large hypertext databases: advanced	Computing and Inform:	4/4	27000	
Funt, BV	CMPT	RGPIN	4322	Computational colour perception with applicatio	Computing and Inform:	2/5	40000	
Glaesser, UP	CMPT	RGPIN	262065	High level design of distributed and embedded	Computing and Inform:	3/4	31000	
Gu, Q	CMPT	RGPIN	250304	Efficient Routing Algorithms on WDM Optical Ne	Computing and Inform:	4/4	27000	

Gupta, A	CMPT	RGPIN	105809	Algorithmic complexity and constructivity	Computing and Inform:	4/4	33000	
Hadley, RF	CMPT	RGPIN	899	Cognitive architecture in connectionist networks	Computing and Inform:	2/5	32000	
Hamarneh, G	CMPT	RGPIN	298324	Context-based deformable models for medical i	Computing and Inform:	2/3	18000	
Havens, WS	CMPT	RGPIN	90307	Semi-systematic constraint solving methods	Computing and Inform:	1/5	28000	
Hefeeda, M	CMPT	RGPIN	313083	Peer to peer content distribution	Computing and Inform:	1/3	21000	
Hell, PT	CMPT	RGPIN	5075	Complexity of combinatorial problems	Computing and Inform:	3/5	64000	
Kabanets, V	CMPT	RGPIN	298363	Randomness in computation	Computing and Inform:	2/3	27035	
Kirkpatrick, AE	CMPT	RGPIN	250314	Assessment of haptic user interfaces	Computing and Inform:	4/4	19000	HUM
Krishnamurti, R	CMPT	RGPIN	36809	Approximation algorithms using LP-duality base	Computing and Inform:	1/5	20000	
Kumar, VS	CMPT	RGPIN	249872	Personalized distributed computing	Computing and Inform:	4/4	16000	HUM
Li, ZN	CMPT	RGPIN	36726	Active video: a new approach to video indexing	Computing and Inform:	1/5	28000	
Liestman, AL	CMPT	RGPIN	1734	Network structure and communication	Computing and Inform:	4/4	32000	
Liu, J	CMPT	RGPIN	288325	Adaptive scalable video streaming over the het	Computing and Inform:	2/3	22700	
Mitchell, DG	CMPT	RGPIN	238987	Effective propositional reasoning and applicati	Computing and Inform:	1/5	21000	
Möller, T	CMPT	RGPIN	228413	Numerically and perceptually accurate visualiza	Computing and Inform:	1/5	24000	
Mori, GP	CMPT	RGPIN	312230	Recognizing human figures and actions	Computing and Inform:	1/3	19000	HUM
Pei, J	CMPT	RGPIN	312194	Online analytic processing and interactive minin	Computing and Inform:	1/3	27000	
Peters, JG	CMPT	RGPIN	322	Modelling and analysis of network communicati	Computing and Inform:	1/5	19000	
Popowich, FP	CMPT	RGPIN	41910	Knowledge based cross lingual information retr	Computing and Inform:	4/4	27000	
Sahinalp, CS	CMPT	RGPIN	298339	Human genome expansion and molecular intere	Computing and Inform:	2/5	33000	
Sarkar, A	CMPT	RGPIN	262313	Ensemble techniques for the statistical parsing	Computing and Inform:	3/4	26000	
Schulte, ON	CMPT	RGPIN	217331	A learning-theoretic approach to discovering ca	Computing and Inform:	3/4	18000	
Shermer, TC	CMPT	RGPIN	46218	Graph-theoretic topics in visibility and network d	Computing and Inform:	3/5	27000	
Smyth, TR	CMPT	RGPIN	312820	Real-time interactive computer simulations of a	Computing and Inform:	1/3	16000	
Ternovska, EA	CMPT	RGPIN	238989	Computational aspects of reasoning about dyna	Computing and Inform:	1/5	23000	On Hold
Vaughan, RT	CMPT	RGPIN	298256	Constructive ecology and community developm	Computing and Inform:	1/5	15000	
Wang, K	CMPT	RGPIN	227827	Actionable data mining	Computing and Inform:	2/5	29700	
Wiese, KC	CMPT	RGPIN	238298	Algorithms and tools in bioinformatics	Computing and Inform:	1/2	15000	
Woodbury, RF	CMPT	RGPIN	250333	Exploring design spaces: algorithms and interac	Computing and Inform:	4/4	30000	
Zhang, H	CMPT	RGPIN	262118	Signal processing of 3-D mesh geometry: theor	Computing and Inform:	3/4	21000	
Allen, DM	EARTH	RGPIN	203028	Representing heterogeneity in regional fracture	Environmental Earth S	3/4	19800	EI
Calvert, AJ	EARTH	RGPIN	155519	Seismic studies of ancient and modern subducti	Solid Earth Sciences	3/4	32800	EI
Clague, J	EARTH	RGPIN	217051	Natural hazards in active orogens	Environmental Earth S	1/5	40480	
Flowers, GE	EARTH	RGPIN	311725	Glacier hydrology, dynamics and hazards in a c	Environmental Earth S	1/5	24990	
Flowers, GE	EARTH	RGPNS	316236	Glacier field investigations in the eastern St. Eli	Northern Research Su	1/5	10000	
Gibson, HD	EARTH	RGPIN	312461	Elucidating tectonic processes in collisional oro	Solid Earth Sciences	1/3	29900	EI
MacEachern, JA	EARTH	RGPIN	184293	Integrated ichnological-sedimentological silicicl	Solid Earth Sciences	4/4	24560	EI
Marshall, D	EARTH	RGPIN	217031	Petrology, tectonics, thermobarometry and ther	Solid Earth Sciences	3/4	23450	EI
Mustard, PS	EARTH	RGPIN	184290	Sedimentology, stratigraphy and tectonic signifi	Solid Earth Sciences	3/4	23890	EI
Stead, D	EARTH	RGPIN	36375	Rock mass failure characterisation: An integrat	Civil Engineering	1/5	31000	EI

Thorkelson, DJ	EARTH	RGPIN	194090	Tectonic significance of cordilleran magmatism	Solid Earth Sciences	5/5	27500	EI
Ward, BC	EARTH	RGPIN	216911	Pleistocene stratigraphy and paleoenvironment	Environmental Earth S	2/5	18600	EI
Williams-Jones, G	EARTH	RGPIN	283274	Magma chamber dynamics and eruption trigger	Solid Earth Sciences	2/5	26690	EI
Gencay, R	ECON	RGPIN	121836	Multifractals, scale invariance and financial risk	Statistical Sciences	2/5	17000	
Rekkas, M	ECON	RGPIN	311882	Third-order inference in economics	Statistical Sciences	1/3	11000	
Beg, MF	ENGR	RGPIN	298253	Methods for computational anatomy	Interdisciplinary	2/5	18573	
Bird, JS	ENGR	RGPIN	36383	Small aperture 3D bottom imaging and bathymetry	Electromagnetics & El	4/4	44120	EI
Cavers, JK	ENGR	RGPIN	5950	Wireless system design based on interference cancellation	Communications, Com	3/5	39850	
Chapman, GH	ENGR	RGPIN	105512	Laser enhancement of large area photonic sensors	Communications, Com	4/4	32000	
Dill, JC	ENGR	RGPIN	37944	Visualizing information spaces	Computing and Inform	2/5	24700	
Gray, BL	ENGR	RGPIN	298231	Interconnect and assembly of microinstruments	Interdisciplinary	2/5	23460	
Gruver, WA	ENGR	RGPIN	138258	Intelligent and distributed energy automation	Electromagnetics & El	1/5	29000	
Gupta, KK	ENGR	RGPIN	36585	Simultaneous path planning and exploration for	Electromagnetics & El	4/4	41550	
Hardy, RHS	ENGR	RGPIN	6283	Vertical handoff support in multimode wireless	Communications, Com	1/3	12500	
Ho, PKM	ENGR	RGPIN	4042	Efficient and reliable transmission techniques for	Communications, Com	3/4	24850	
Hobson, RF	ENGR	RGPIN	4351	System-on-chip architectures for software radio	Communications, Com	1/5	15100	
Kaminska, B	ENGR	RGPIN	36687	Wearable biomonitors with wireless network connectivity	Interdisciplinary	1/3	23700	HUM
Karim, KS	ENGR	RGPIN	288147	Large area biomedical imaging	Communications, Com	2/5	22000	
Kim, DI	ENGR	RGPIN	283138	Dynamic link adaptation in heterogeneous wireless	Communications, Com	2/5	31000	
Kuo, JB	ENGR	RGPIN	238658	Compact modeling of sub-100nm SOI CMOS devices	Communications, Com	1/5	53000	
Leung, AM	ENGR	RGPIN	25422	Micro-pressure sensor with atmospheric pressure	Communications, Com	1/2	13000	
Liang, J	ENGR	RGPIN	312262	Filterbank design for multimedia communication	Communications, Com	1/5	27000	
Parameswaran, AM	ENGR	RGPIN	105793	Integrated microsystems for detection and analysis	Interdisciplinary	3/5	40000	
Payandeh, S	ENGR	RGPIN	121296	Modelling and control of multi-agent manipulation	Mechanical Engineerin	3/4	22000	
Saif, M	ENGR	RGPIN	36407	Real time process fault detection and isolation	Electromagnetics & El	4/4	43470	
Stapleton, SP	ENGR	RGPIN	41824	Software defined transmitters for wireless applications	Communications, Com	2/5	24000	
Syrzycki, MJ	ENGR	RGPIN	41826	Advanced CMOS devices and circuits for integration	Communications, Com	2/5	20000	
Trajkovic, L	ENGR	RGPIN	216844	Simulation and analysis of high-performance networks	Communications, Com	3/4	24850	
Vaughan, RG	ENGR	RGPIN	288165	Signal processing and antennas for high spectrum	Electromagnetics & El	1/5	50000	
Brennand, TA	GEOG	RGPIN	194107	Reconstructing past ice sheet dynamics and hydrology	Environmental Earth S	1/2	24990	On HoldEI
Dragicevic, S	GEOG	RGPIN	250518	Modeling spatial processes using GIS, fuzzy sets	Environmental Earth S	4/4	18000	
Hickin, EJ	GEOG	RGPIN	8376	Fluvial processes, geomorphology, and sedimentation	Environmental Earth S	4/4	30620	EI
Lesack, LFW	GEOG	RGPIN	108110	Biogeochemistry of lakes in the Mackenzie Delta	Evolution & Ecology	4/4	40000	EI
Lesack, LFW	GEOG	RGPNS	305389	Biogeochemistry of lakes in the Mackenzie Delta	Northern Research Su	2/2	10000	EI
Quinton, WL	GEOG	RGPIN	238441	Runoff generation from wetland-dominated basins	Environmental Earth S	1/5	24990	EI
Quinton, WL	GEOG	RGPNS	305372	The integrated runoff response of wetland-dominated	Northern Research Su	1/5	6000	EI
Fisher, BD	SIAT	RGPIN	239101	Information systems for skilled cognition and coordination	Computing and Inform	1/5	19000	HUM
Hatala, M	SIAT	RGPIN	238798	High-performance protocol and ontology mapping	Computing and Inform	1/5	15000	
Accili, EA	KINE	RGPIN	203288	Comparative studies of pacemaker channels	Cell Biology	3/4	22400	ANI BIO HU
Bawa, PNS	KINE	RGPIN	7135	Facilitation in the neuromuscular system with hippocampus	Integrative Animal Biol	2/5	21640	HUM

Krieger, C	KINE	RGPIN	171372	Control of repetitive firing of sensory neurons	Animal Biology	5/5	27500	ANI
Milner, TE	KINE	RGPIN	142009	Adaptive control of limb mechanics	Mechanical Engineerin	1/5	44000	HUM
Rosin, MP	KINE	RGPIN	22216	Mechanisms underlying chromosomal instability	Molecular & Developm	3/4	39600	BIO
Tibbits, GF	KINE	RGPIN	2321	Regulation of contractility in the salmonid heart	Integrative Animal Biol	4/4	58015	ANI HUM
Vieira, AV	KINE	RGPIN	238231	Cellular and molecular mechanisms of vitamin $\epsilon$	Cell Biology	3/4	24400	ANI BIO
Weeks, DJ	KINE	RGPIN	160549	Perceptual-motor behaviour	Psychology: Brain, Beh	4/4	22000	HUM
Taboada, MT	LING	RGPIN	261104	Computational analysis of text sentiment	Computing and Inform:	2/3	17922	HUM
Borwein, PB	MATH	RGPIN	152758	Computational number theory and analysis	Pure and Applied Math	2/5	33000	
Brown, TC	MATH	RGPIN	3983	Ramsey theory	Pure and Applied Math	1/5	9000	
Bruin, NR	MATH	RGPIN	261486	Rational points on curves and abelian varieties	Pure and Applied Math	3/4	14500	
Chen, I	MATH	RGPIN	227250	Arithmetic and geometry of modular curves	Pure and Applied Math	2/5	12000	
Choi, KS	MATH	RGPIN	238850	Some problems in analytic and computational n	Pure and Applied Math	1/5	15000	
Choksi, R	MATH	RGPIN	203327	Nonlocal variational problems--patterns and scal	Pure and Applied Math	4/4	24000	
Goddyn, LA	MATH	RGPIN	105452	Studies in graph and matroids	Pure and Applied Math	4/4	25000	
Jedwab, J	MATH	RGPIN	278420	Exploratory computational study of discrete mat	Computing and Inform:	2/3	14000	
Jungic, V	MATH	RGPIN	298415	Density type statements in ramsey and rainbow	Pure and Applied Math	1/5	6000	
Kropinski, MCA	MATH	RGPIN	203326	Fast Algorithms for fluid flows with complex geo	Pure and Applied Math	4/4	19000	
Lewis, AS	MATH	RGPIN	42558	Eigenvalue optimization and nonsmooth analysi	Pure and Applied Math	3/5	26000	
Lisonek, P	MATH	RGPIN	238764	Enumeration and construction of discrete struct	Pure and Applied Math	1/5	15000	
Mishna, M	MATH	RGPIN	312582	Automatic combinatorics and holonomic system	Pure and Applied Math	1/5	17000	On Hold
Mohar, B	MATH	RGPIN	311960	Graphs on surfaces and algorithms	Computing and Inform:	1/3	36000	On Hold
Monagan, MB	MATH	RGPIN	184172	Algorithms for the simplification of algebraic for	Computing and Inform:	2/5	30000	
Muraki, DJ	MATH	RGPIN	238928	Dynamics of the midlatitude atmosphere	Pure and Applied Math	5/5	18000	
Oberman, AM	MATH	RGPIN	312489	Constructive solution methods for nonlinear par	Pure and Applied Math	1/5	10000	
Russell, RD	MATH	RGPIN	8781	Numerical solutions of partial differentieal equat	Computing and Inform:	4/5	76000	
Ruuth, SJ	MATH	RGPIN	227823	Algorithms, analysis and applications of numer	Computing and Inform:	2/5	26000	
Stacho, L	MATH	RGPIN	261542	Combinatorial problems on network topologies	Computing and Inform:	3/4	23000	
Stockie, JM	MATH	RGPIN	238776	Modelling and simulation of complex flow with n	Mechanical Engineerin	1/5	31000	
Trummer, MR	MATH	RGPIN	36901	Adaptivity in numerical methods	Computing and Inform:	2/5	30000	
Wittenberg, RW	MATH	RGPIN	261892	Investigation of spatiotemporal chaos	Pure and Applied Math	3/4	15000	
Baillie, DL	MBB	RGPIN	9975	C. elegans essential genes	Molecular & Developm	1/5	84500	BIO
Beh, CT	MBB	RGPIN	250263	Yeast oxysterol-binding proteins and intracellu	Cell Biology	4/4	35000	
Brandhorst, BP	MBB	RGPIN	45977	Embryonic and larval development	Molecular & Developm	3/4	59400	BIO
Brinkman, FSL	MBB	RGPIN	240644	Computationally identifying and characterizing c	Cell Biology	5/5	30000	BIO
Davidson, WS	MBB	RGPIN	219	Fate of duplicated lactate dehydrogenase gene	Molecular & Developm	2/5	25000	BIO
Harden, NM	MBB	RGPIN	217532	Analysis of the roles of Rho family small GTPas	Molecular & Developm	3/4	29700	BIO
Hawkins, NC	MBB	RGPIN	250095	Asymmetric neuroblast division in C elegans	Molecular & Developm	1/3	43500	On Hold
Honda, BM	MBB	RGPIN	8391	Chromatin structure and gene expression in Drc	Molecular & Developm	2/5	44260	
Paetzel, MW	MBB	RGPIN	250131	Structural and mechanistic studies of Ser/Lys d	Cell Biology	4/4	37000	
Pio, FF	MBB	RGPIN	227832	Structural studies in apoptosis and cancer	Cell Biology	2/5	28140	BIO

Quarmby, LM	MBB	RGPIN	227132	Cilia and regulation of the cell cycle	Cell Biology	1/5	36100	BIO
Sen, D	MBB	RGPIN	105785	Extending the catalytic and functional horizons of	Molecular & Developm	4/4	68840	BIO
Thewalt, JL	MBB	RGPIN	183821	Domains in membranes & peptide interactions via	Cell Biology	2/5	31390	
Unrau, PJ	MBB	RGPIN	238948	Ribozyme chemistry and the RNA world	Molecular & Developm	1/5	51500	
Verheyen, EM	MBB	RGPIN	203545	Crosstalk between signal transduction pathways	Molecular & Developm	3/4	34700	BIO
Young, EC	MBB	RGPIN	312124	Agonism and antagonism in cyclic nucleotide-gate	Cell Biology	1/5	37000	ANI BIO
Pelletier, FJ	PHIL	RGPIN	5525	Knowledge representation, inference, and semantics	Computing and Inform	4/4	35000	
Ballentine, LE	PHYS	RGPIN	4612	Quantum chaos and the quantum-classical interface	General Physics	3/4	15000	
Bechhoefer, JL	PHYS	RGPIN	105732	Studies in soft condensed matter and biophysics	Condensed Matter Phy	1/5	57590	
Boal, DH	PHYS	RGPIN	3305	Mechanical evolution of the cell	Condensed Matter Phy	5/5	35000	
Bolognesi, CR	PHYS	RGPIN	170824	Advanced semiconductor materials and devices	Condensed Matter Phy	3/4	56000	
Broun, DM	PHYS	RGPIN	261622	Low energy electrodynamics of novel metals and	Condensed Matter Phy	3/4	39000	
Chen, MXK	PHYS	RGPIN	261624	Studies of superconductors, semiconductors and	Condensed Matter Phy	3/3	36000	HUM ANI
Crozier, ED	PHYS	RGPIN	5343	XAFS spectroscopy and structural determination	Condensed Matter Phy	4/4	44000	
Dodge, JS	PHYS	RGPIN	238349	Time-resolved spectroscopy of correlated electron	Condensed Matter Phy	5/5	38000	
Emberly, EG	PHYS	RGPIN	283343	Computational design of molecular electronic systems	Condensed Matter Phy	2/3	33260	
Forde, NR	PHYS	RGPIN	312576	Developing a molecular blueprint for mechanica	Analytical & Physical C	1/3	37000	
Friskken, BJ	PHYS	RGPIN	121807	Structure and dynamics of soft condensed matter	Condensed Matter Phy	3/3	34000	
Hayden, ME	PHYS	RGPIN	217243	Hyperpolarized noble gases: production and applications	Condensed Matter Phy	3/3	39000	
Heinrich, BV	PHYS	RGPIN	9019	Magnetic and magnetoresistance studies of ultrathin	Condensed Matter Phy	3/4	92000	
Herbut, I	PHYS	RGPIN	216945	QED3 (three dimensional quantum electrodynamics)	Condensed Matter Phy	3/4	35000	
Huntley, DJ	PHYS	RGPIN	2879	Optical dating	Solid Earth Sciences	1/2	25100	On Hold EI
Kavanagh, KL	PHYS	RGPIN	222869	Nanoscale analysis of semiconductor defects and	Condensed Matter Phy	4/4	53000	
Kirczenow, G	PHYS	RGPIN	8681	Nanoscale physics	Condensed Matter Phy	1/5	67580	
McGuirk, JM	PHYS	RGPIN	311871	Atom interferometry with bose-einstein condensates	General Physics	1/5	38000	
Mooney, P	PHYS	RGPIN	311687	Strain relaxation and defects in lattice mismatch	Condensed Matter Phy	1/5	74780	
O'Neil, DC	PHYS	SAPPJ	261761	The D0 experiment: physics at the Energy Frontier	Subatomic Physics	1/2	300000	
Plischke, M	PHYS	RGPIN	8461	Theory of complex fluids and gels	Condensed Matter Phy	4/4	48000	
Sonier, JE	PHYS	RGPIN	238307	Magnetic resonance spectroscopy	Condensed Matter Phy	5/5	35000	
Thewalt, MLW	PHYS	RGPIN	170925	Ultrahigh resolution spectroscopy of excitons and	Condensed Matter Phy	3/5	102000	
Trottier, HD	PHYS	SAPIN	138288	Two-loop perturbation theory for heavy-quark production	Subatomic Physics	2/5	60000	
Viswanathan, KS	PHYS	SAPIN	2884	Studies in super string theories	Subatomic Physics	3/3	17000	
Watkins, SP	PHYS	RGPIN	121282	Growth and characterization of III-V semiconductor	Condensed Matter Phy	3/5	48000	
Zuckermann, MJ	PHYS	RGPIN	5932	Theoretical studies of lipid bilayer membranes and	Condensed Matter Phy	1/5	30000	
Di Lollo, V	PSYC	RGPIN	190955	Initial stages of visual information processing	Psychology: Brain, Beh	2/5	70000	HUM
Fouladi, RT	PSYC	RGPIN	293265	Covariance structure analysis and model selection	Statistical Sciences	2/3	12000	
Maraun, D	PSYC	RGPIN	249541	Latent variable models in the behavioural sciences	Psychology: Brain, Beh	4/4	12000	
McDonald, J	PSYC	RGPIN	227959	Brain mechanisms of human selective attention	Psychology: Brain, Beh	1/5	21769	HUM
Mistlberger, RE	PSYC	RGPIN	155172	Behavioral regulation of circadian rhythms	Psychology: Brain, Beh	3/4	34500	ANI
Read, JD	PSYC	RGPIN	7920	Reconstructive processes in autobiographical memory	Psychology: Brain, Beh	1/5	17809	HUM

Watson, NV	PSYC	RGPIN	194522	Sexual dimorphism in neural structure and funct	Psychology: Brain, Bel	1/5	30809	HUM ANI
Whittlesea, BWA	PSYC	RGPIN	99826	Memory: production and evaluation in rememb	Psychology: Brain, Bel	3/5	42000	HUM
Cox, SP	REM	RGPIN	262109	Behavioural ecology of fishing fleets	Evolution & Ecology	3/4	17000	EI ANI
De la Mare, WK	REM	RGPIN	261455	The use of size data in assessment methods fo	Evolution & Ecology	2/5	15000	
Gobas, FAP	REM	RGPIN	111603	Bioaccumulation of organic chemicals in food-w	Evolution & Ecology	2/5	38600	ANI EI
Rothley, KD	REM	RGPIN	283144	Behavioural tradeoffs and species-specific resp	Evolution & Ecology	2/5	13000	ANI EI
Ben Youssef, B	SFU Sur	RGPIN	283278	Three-dimensional cellular automata models for	Computing and Inform:	2/2	12000	
Kyrylov, V	SFU Sur	RGPIN	249869	Constructive reasoning about time and space	Computing and Inform:	4/4	12000	
Altman, RJ	STATS	RGPIN	293140	Models for longitudinal data: unifying results	Statistical Sciences	2/3	19000	
Bingham, DR	STATS	RGPIN	261574	New direction in industrial experiment design	Statistical Sciences	3/4	19000	
Dean, CB	STATS	RGPIN	46119	New methodology for the design and analysis o	Statistical Sciences	2/5	36000	
Graham, J	STATS	RGPIN	222886	Statistical genetics:disequilibrium mapping and	Statistical Sciences	4/4	20000	
Hu, JX	STATS	RGPIN	262823	Incomplete data analyses, interim reviews and r	Statistical Sciences	3/3	17000	
Lockhart, RA	STATS	RGPIN	4023	Uniform asymptotic approximations	Statistical Sciences	3/5	29000	
McNeney, WB	STATS	RGPIN	227972	Statistical methods in genetic association studie	Statistical Sciences	1/5	14000	
Parker, G	STATS	RGPIN	299361	Stochastic models in actuarial science	Statistical Sciences	2/5	19000	
Routledge, RD	STATS	RGPIN	7529	Statistical methodology for use in population bi	Statistical Sciences	2/5	23000	ANI EI
Schwarz, CJ	STATS	RGPIN	165058	Modelling of animal population dynamics	Evolution & Ecology	4/4	30000	
Sitter, R	STATS	RGPIN	182393	Analysis of survey data/experimental design	Statistical Sciences	2/5	40000	ANI EI
Spinelli, JJ	STATS	RGPIN	238353	Goodness-of-fit for discrete distributions and st	Statistical Sciences	5/5	10000	
Stephens, MA	STATS	RGPIN	8561	Testing distributions and models	Statistical Sciences	2/5	16000	
Swartz, TB	STATS	RGPIN	9268	Bayesian methods and applications	Statistical Sciences	2/5	22000	
Tang, B	STATS	RGPIN	288264	Theory and applications of fractional factorial de	Statistical Sciences	2/5	25000	
Tsai, CL	STATS	RGPIN	311829	A connection between ruin theory of actuarial sc	Statistical Sciences	1/3	14000	







