



Physics and Astronomy / Physique et astronomie

Name / Nom	Research Subject Code / Sujet de recherche		Proposed Doctoral Research Title / Titre de recherche postdoctorale proposée	
Clarkson, Richard R	3150	THEORETICAL PHYSICS AND CHEMISTRY	PHYSIQUE ET CHIMIE THÉORIQUES	Postdoctoral resesarch in high energy physics
Hamel, Sébastien S	3100	PHYSICS	PHYSIQUE	Optoelectronic properties of nanostructures
Hanna, Gabriel G	3150	THEORETICAL PHYSICS AND CHEMISTRY	PHYSIQUE ET CHIMIE THÉORIQUES	Proton-coupled electron transfer rates from multi-state ring polymer molecular dynamics
Hosseyini Seradjeh, Babak B	3300	CONDENSED MATTER PHYSICS	PHYSIQUE DE LA MATIÈRE CONDENSÉE	Vortex effects in the pseudogap phase of high-Tc Cuprates
Kenward, Martin M	3100	PHYSICS	PHYSIQUE	Simulation, theory and experimental investigation of polymer dynamics in nanoscale media
Lee, Kevin KF	3100	PHYSICS	PHYSIQUE	Imaging of polyatomic molecules
Lee, Kevin KF	3100	PHYSICS	PHYSIQUE	Time-resolved molecular dynamics by laser-induced Coulomb explosion imaging
Liang, Jun J	3250	SPACE SCIENCE	RECHERCHE SPATIALE	Multi-instrument studies of ionosphere and magnetosphere with Canadian geospace monitoring program
Mativetsky, Jeffrey JM	3300	CONDENSED MATTER PHYSICS	PHYSIQUE DE LA MATIÈRE CONDENSÉE	Integration of bottom-up and top-down nanofabrication for nanoelectronics
Roth, Connie CB	3100	PHYSICS	PHYSIQUE	Conductivity measurements of single organic molecules using atomic force microscopy
Sussman, Benjamin BJ	3100	PHYSICS	PHYSIQUE	Tunable Decoherence and quantum control
West, Brian BR	3110	Optics (see also photon devices, 2505)	Optique (voir aussi dispositifs photoniques,	Compact mid-infrared optical parametric generators in 111-V semiconductors