

附件:

课题清单

Supervisor	Department	Project Title	Number
Yau Shu Wong	Mathematics and Statistical Sciences	Mathematical Modelling and Numerical Computation for Real Problems in Sciences and Engineering	3
Dinavahi	Electrical and Computer Engineering	Modeling	5
Al Meldrum	Physics	Fluorescent Polymers for Biosensing Applications	1
Aman Ullah	Agriculture, Food and Nutritional Science	Nano-carriers in Drug delivery	3
Vinay Prasad	Chemical and Materials Engineering	Machine Learning and Data Mining in Chemical Process Systems	1
Tsai	Mechanical Engineering	Thermal Convection in Porous Media	2
Bin Han	Mathematical and Statistical Sciences	Quincunx Wavelets and Framelets	1
James Hogan	Mechanical Engineering	Improving the Effectiveness of Brittle Materials in Dynamic Environments	2
Aman Ullah	Agriculture, Food and Nutritional Science	Renewable Polymers and Biocomposites	2
Jane Yardley	Social Sciences (Physical Education)	Type 1 Diabetes and Exercise	1
Roxanne Harde	Humanities (English Literature)	Native American Children's Literature	2
Roxanne Harde	Humanities (English Literature)	Southern Singer Songwriters	1
Daniel Fried	East Asian Studies	Chinese Song Dynasty Print Culture	1
Ravin Narain	Chemical and Materials Engineering	Hydrogels for Biomedical Applications	3
Neda Nazemifard	Chemical and Materials Engineering	Asphaltene Aggregation and Precipitation in Micro Scale Environment	2
Nazemifard	Chemical and Materials Engineering	Arrays	2
M élanie M éhot	Social Science	The Administration of Justice in Alberta in the Early 20th Century	2
David Evans	Medical Microbiology and Immunology	Molecular Biology/Virology Research Assistant - Poxvirus-Host Interactions	1

Supervisor	Department	Project Title	Number
Yan Yuan	Public Health	Predicting Early Stage Heart Failure in Childhood Cancer Survivors	2
Aman Ullah	Agriculture, Food and Nutritional Science	Synthesis of Biopolymer From Renewable Monomer	2
Joanne Lemieux	Biochemistry	Functional and Structural Studies of Membrane Proteins in Disease	1
Carla Prado	Agriculture, Food and Nutritional Science	Body Composition Analysis Using Computerized Tomography Scans	1
Christopher Cairo	Chemistry	The Design of Selective Inhibitors for Human Neuraminidase Enzymes	1
Rob Shields	City Region Studies Centre	Suburbia and Cities	1
Catherine Caufield	Chester Ronning Centre for the Study of Religion and Public Life	"Miyomahcihowin" - Aboriginal and OMI Trauma Recovery and Reconciliation	1
Mokhtari	Civil and Environmental Engineering	Integrating Solar PV Systems into Residential Buildings	1
Mokhtari	Civil and Environmental Engineering	AUTOCAD Modelling	2
Catherine Caufield	Chester Ronning Centre for the Study of Religion and Public Life	Biographic Study of Chester Ronning, Canadian Diplomat to China	1
Hyun-Joong Chung	Chemical and Materials Engineering	Smart Hydrogel for Wound Dressing	1
Jinfeng Liu	Chemical and Materials Engineering	Plants	1
Jillian Buriak	Chemistry	Nanomaterials for Solar Energy Conversion	2
Douglas Ivey	Chemical and Materials Engineering	Engineering of Materials for Zinc-air Batteries	1
Estabrooks	Public Health	Unbefriended Older Adults	1
Estabrooks	Public Health	Oral Health of Residents in Nursing Homes	2
Estabrooks	Public Health	Translating Research in Elder Care	1
Jin-Hyeob Kwak	Renewable Resources	Acidification, Tree Growth and Understory Species Diversity	1

Supervisor	Department	Project Title	Number
Florence Williams	Chemistry	Optimizing Aromatic Hydrogenation for Synthetic Access to Aspermytin Analogs	1
Hossein Rouhani	Mechanical Engineering	Measuring Human Body Response to Postural Perturbation	2
Lawrence Le	Radiology and Diagnostic Imaging	Ultrasonic Measurement of Elastic Bone Properties Relevant to Osteoporosis	1
Lawrence Le	Radiology and Diagnostic Imaging	Research Projects in Dentistry	1
Lawrence Le	Radiology and Diagnostic Imaging	Spinal Reconstruction using Ultrasound Data	1
Joanna MacLean	Pediatrics	Pediatric Respiratory & Sleep Medicine	2
Jia Wang	China Institute	Chinese Economics and Public Policy	2
Paul Myers	Earth and Atmospheric Science	High Latitude Ocean Studies	2
Morris Flynn	Mechanical Engineering	Research Assistant	1
Sarah Styler	Chemistry	Exploring light-induced chemistry at the surface of atmospheric dust	1
Patricio Mendez	Chemical and Materials Engineering	Modeling of laser cladding for composite materials (Summer internship)	2
Patricio Mendez	Chemical and Materials Engineering	Experiments on laser cladding for composite materials (Summer internship)	2
Varghese Manaloor	Social Sciences (Economics)	Wage effects and training- Analysis of off-land farmers in China.	1
Gregory Kish	Electrical and Computer Engineering	Modeling and Analysis of Modular Multilevel Converter Based Topologies	1
Erin Bayne	Biological Science	Acoustic Monitoring Technician	2
Ahmed Qureshi	Mechanical Engineering	Vehicle	1
Ahmed Qureshi	Mechanical Engineering	Modeling of Uncertainty in Computer-Aided Design Applications	1