

McGill University  
Faculty of Agricultural and Environmental Sciences

Academic Staff Expertise

Department	Family Name	First Name	Area of expertise
Animal Science	Bordignon	Vilceu	reproductive biology, animal genomics
Animal Science	Cue	Roger I	animal genetics, biostatistics
Animal Science	Hayes	John F	animal genetics, biostatistics
Animal Science	Kimmins	Sarah	epigenetics, genomics, proteomics, reproductive physiology
Animal Science	Kuhnlein	Urs	molecular genetics, DNA fingerprinting
Animal Science	Monardes	Humberto	population genetics, genetic markers
Animal Science	Mustafa	Arif	ruminant nutrition, protein metabolism, lactation
Animal Science	Ng-Kwai-Hang	Kwet Fane	dairy proteins, biochemistry
Animal Science	Phillip	Leroy E	ruminant nutrition, protein metabolism
Animal Science	Wade	Kevin	dairy information systems
Animal Science	Zadworny	David	DNA markers, molecular cloning
Animal Science	Zhao	Xin	animal physiology, animal health
Bioresource Engineering	Barrington	Suzelle	animal waste management, soil contamination
Bioresource Engineering	Bonnell	Robert B	irrigation, drainage, watershed engineering
Bioresource Engineering	Kok	Robert	ecosystem modelling, bioengineering
Bioresource Engineering	Madramootoo	Chandra A	water resources management
Bioresource Engineering	McKyes	Edward	agricultural machinery, machine design
Bioresource Engineering	Ngadi	Michael	food and bioprocess engineering
Bioresource Engineering	Prasher	Shiv	water quality and water contamination
Bioresource Engineering	Raghavan	G S Vijaya	postharvest engineering
Bioresource Engineering	Lefsrud	Mark	bioprocess engineering, value added process engineering
Bioresource Engineering	Orsat	Valerie	bioprocess engineering, nutraceuticals
Bioresource Engineering	Clark	Grant	ecological engineering
Food Science	Alli	Inteaz	food quality assurance, HACCP
Food Science	Ismail	Ashraf A	immunoassays, food contamination
Food Science	Kermasha	Selim	food biotechnology, biomolecules
Food Science	Marshall	William D	environmental chemistry
Food Science	Ramaswamy	Hosahalli	post harvest technology, food rheology
Food Science	Simpson	Benjamin K	food product development
Food Science	Van de Voort	Frederik R	food product spectroscopy
Food Science	Yaylayan	Varoujan	microwave assisted food processing
Food Science			food packaging
Food Science			food safety
Inst of Parasitology	Beech	Robin N	bioinformatics, molecular genetics
Inst of Parasitology	Dzierszynski	Florence	cell biology and infection, food and waterborne diseases
Inst of Parasitology	Faubert	Gaetan Mario	water borne parasites, immunology
Inst of Parasitology	Geary	Timothy	animal health, parasite control, molecular biology

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Inst of Parasitology	Georges	Elias	multidrug resistance, antibody engineering
Inst of Parasitology	Jardim	Armando	glycosome biogenesis, protein targeting and biochemistry
Inst of Parasitology	Prichard	Roger K	drug resistance, molecular pharmacology
Inst of Parasitology	Ribeiro	A Paula	helminth neurobiology and biochemistry, pharmacology
Inst of Parasitology	Salavati	Reza	bioinformatics, molecular genetics, protein modeling
Inst of Parasitology	Scott	Marilyn	epidemiology, helminth infections, nutrition/immunity
Inst of Parasitology	Spithill	Terry	genomics, proteomics, host-immunity
Natural Resource Sciences	Bennett	Elena	global ecosystem modelling, environmental pollution
Natural Resource Sciences	Bird	David M	wildlife management, ornithology
Natural Resource Sciences	Brown	Peter	environmental policy, ethics and the environment
Natural Resource Sciences	Buddle	Christopher	insect ecology, entomology
Natural Resource Sciences	Côté	Benôit	agroforestry, forest systems
Natural Resource Sciences	Curtis	Mark A	aquatic ecology, environmental assesment
Natural Resource Sciences	Driscoll	Brian T	microbiology, molecular biology
Natural Resource Sciences	Dunphy	Gary Brian	entomology, insect immunity
Natural Resource Sciences	Fyles	James W	soil nutrient dynamics, forest ecology
Natural Resource Sciences	Hendershot	William H	nutrient cycling, soil contamination, trace metals
Natural Resource Sciences	Henning	John C	ecological agriculture, agricultural economics
Natural Resource Sciences	Humphries	Murray	mammal energetics, wildlife biology
Natural Resource Sciences	Lewis	David James	aquatic invertebrates, entomology
Natural Resource Sciences	Mehuys	Guy R	soil physics, soil erosion, soil management
Natural Resource Sciences	Naseem	Anwar	biotechnology policy, agricultural economics
Natural Resource Sciences	Niven	Donald F	microbiology
Natural Resource Sciences	Rau	Manfred	parasite transmission, behavioural ecology
Natural Resource Sciences	Strachan	Ian	micrometeorology, greenhouse gas emissions
Natural Resource Sciences	Thomassin	Paul	economic-ecological modelling, environmental and resource economics
Natural Resource Sciences	Titman	Rodger D	waterfowl behaviour and ecology, ornithology
Natural Resource Sciences	Whalen	Joann	soil nutrient management
Natural Resource Sciences	Wheeler	Terry A	entomology, insect systematics, biodiversity
Natural Resource Sciences	Whyte	Lyle	microbiology, environmental genomics
Natural Resource Sciences	Hickey	Gordon	environmental assessment
Plant Science	Ajjamada	Kushalappa	plant pathology, disease detection, metabolomics
Plant Science	Bede	Jacqueline	plant biochemistry
Plant Science	de Blois	Sylvie	landscape ecology, vegetation dynamics, biodiversity
Plant Science	Donnelly	Danielle J	plant tissue culture, plant physiology
Plant Science	Dutilleul	Pierre R L	biostatistics, environmental modelling
Plant Science	Fortin	Marc	plant molecular biology, plant genomes
Plant Science	Jabaji-Hare	Suha	plant molecular biology, plant pathogens

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Plant Science	Seguin	Philippe	sustainable agriculture, crop management, crop physiology
Plant Science	Smith	Donald L	crop physiology, crop ecology, biofuels, bioproducts
Plant Science	Stewart	Katrine A	horticulture physiology
Plant Science	Stromvik	Martina	bioinformatics, gene expression in plants
Plant Science	Waterway	Marcia J	plant systematics, ecological genetics
Plant Science	Watson	Alan K	agronomy, weed biology, biopesticides
Plant Science			molecular plant breeder
Dietetics & Human Nutrition	Agellon	Luis B.	nutrigenomics, nutritional biochemistry, clinical nutrition
Dietetics & Human Nutrition	Egeland	Grace	nutrition and diabetes, nutrition and the environment, aboriginal peoples' nutrition
Dietetics & Human Nutrition	Gray-Donald	Katherine	nutrition and epidemiology
Dietetics & Human Nutrition	Johns	Timothy A	human chemical ecology, dietary supplements, ethnobotany
Dietetics & Human Nutrition	Koski	Kristine G	macronutrients and maternal/child health, lactation
Dietetics & Human Nutrition	Kubow	Stan	cholesterol oxides, lipids, antioxidants
Dietetics & Human Nutrition	Kuhnlein	Harriet V	nutritional status, native peoples' nutrition and diet
Dietetics & Human Nutrition	Marquis	Grace	community nutrition, social impacts of nutrition
Dietetics & Human Nutrition	Thibault	Louise	neurochemistry and nutrition, nutrition and behaviour
Dietetics & Human Nutrition	Weiler	Hope	nutrition and aging, clinical nutrition
Dietetics & Human Nutrition	Wykes	Linda J	protein metabolism in humans, malnutrition