



**3rd ANNUAL UNDERGRADUATE
STUDENT RESEARCH AWARD
POSTER PRESENTATIONS**

**FACULTY OF AGRICULTURAL AND
ENVIRONMENTAL SCIENCES**

SEPTEMBER 9, 2009

POSTER 1	Quantification of stress-related metabolites in Arabidopsis thaliana plants subject to caterpillar herbivory <u>A. Amirizian</u> , <i>Plant Science</i>
POSTER 2	Denitrification as nitrous oxide gas in constructed wetlands <u>N. Annejohn</u> , <i>Bioresource Engineering</i>
POSTER 3	Expression of Estrogen Receptor-• (ErB) transcript variants in ovarian granulosa cells during folliculogenesis in mice <u>C. Berjaoui</u> , <i>Animal Science</i>
POSTER 4	Temporal evolution of the abundance of anaerobic bacterial populations in the swine waste <u>N. Boulis</u> , <i>Food Science</i>
POSTER 5	Using Ac/Ds Transposons to determine gene function in barley <u>M. Chapleau</u> , <i>Plant Science</i> <u>D. Joseph-Pillai</u> , <i>Plant Science</i>
POSTER 6	Recipe impact on carbon and nitrogen losses in composting <u>R. Chin</u> , <i>Bioresource Engineering</i>
POSTER 7	Local movements and breeding habitat usage by short-eared owls on Amherst Island, Ontario <u>C. Doucet</u> , <i>Natural Resource Sciences</i>
POSTER 8	Improving Rice Processing Strategies for Food Security in West Africa <u>S. Dumais</u> , <i>Bioresource Engineering</i> <u>S. Mayer</u> , <i>Bioresource Engineering</i>
POSTER 9	Measuring CH₄ and CO₂ in Boreal peatland, James Bay, Quebec <u>J. Dumoulin</u> , <i>Natural Resource Sciences</i>
POSTER 10	Quantification and characterization of carotenoids in four local potato cultivars <u>M. Fernandez</u> , <i>School of Dietetics and Human Nutrition</i>
POSTER 11	Seasonal diet variation in Red Squirrels (<i>Tamiasciurus hudsonicus</i>) <u>Forrest, M.</u> , <i>Natural Resource Sciences</i>
POSTER 12	Vitamin D Fortification Study of 8-11 year olds in Quebec <u>P. Lai</u> , <i>School of Dietetics and Human Nutrition</i>
POSTER 13	High fat feeding and the learning of anticipatory eating <u>J. MacAdams</u> , <i>School of Dietetics and Human Nutrition</i>
POSTER 14	Vitamin D enhancement in white button mushrooms through UV-irradiation <u>M. Ouellet-Payeur</u> , <i>Bioresource Engineering</i>
POSTER 15	Concurrent energy demands on the maternal system impair pup growth <u>E. Seccareccia</u> , <i>Institute for Parasitology</i>
POSTER 16	Arsenate sequestration by micron sized zero valent iron <u>D. Szabo Scuoteguazza</u> , <i>Food Science</i>
POSTER 17	Exclusive breastfeeding duration is shorter but breast milk intakes are higher among HIV-infected women in Ghana <u>C. Tugault-Fleur</u> , <i>School of Dietetics & Human Nutrition</i>