

We had a great turn-out for Biology and Environmental Science Research Day on Saturday, March 31, 2015 and excellent presentations by our Biology 4999E and Environmental Sciences 4999E students. In each room, students voted for the best presentation. Here are the award winners:

Genetics I: **Jacquelin Dron** - Elucidating the genetic determinants of extreme high-density lipoprotein phenotypes using next-generating sequencing  
(supervisor: R. Hegele)

Genetics II: **Jalina Bielaska-Da Silva** - Testing candidate genes for female species-specific mate preference in *Drosophila simulans*  
(supervisor: A. Moehring)

Genetics III/Cell Biology I: **Alison McNeil** - Analysis of Neuroligin 3 expression and its relationship to social behaviour in *Drosophila melanogaster*  
(supervisor: A. Simon)

Cell Biology II: **Michelle O'Brien** - The role of p-eIF2 $\alpha$  in placental differentiation in RCHO-1 rat placental cells  
(supervisor: D. Hardy)

Biochemistry & Physiology: **Ylonna Kurtzke** - Proof of principle investigation: evaluating combined Sox9 knockdown and weight supported treadmill training for the treatment of spinal cord injury  
(supervisor: A. Brown)

Ecology & Evolution I: **Olufisayo Ololade** - Effects of migration on flight mechanics and reproduction of the true armyworm, *Pseudaletia unipuncta*  
(supervisor: J. McNeil)

Ecology & Evolution II/Plant Physiology: **Ta Liu** - A test of conserved social signaling between two unrelated insects: does honey bee queen pheromone stimulate mating effort in flies?  
(supervisor: G. Thompson)

Environmental Science I: **Gareth Everard** - The impact of social response on the approvals process of wind turbine projects in Ontario:  
(supervisor: G. Holburn)

Environmental Science II: **Lindsay Kis** - Diatom preservation in Jasper National Park, Alberta  
(supervisor: K. Moser)