

# Justin R. Davis

## Objective

To gain knowledge and experience during my academic pursuits.

## Experience

September 2004- Present

The University of British Columbia

Vancouver, BC.

### Graduate Student

- Presently funded as Psychology Dept. Research Assistant and Teaching Assistant.
- Experience in designing Behavioural studies with the Nematode worm *Caenorhabditis Elegans*.
- Experience with bright field and confocal imaging and various molecular techniques.

As a Teaching Assistant I have gained valuable experience lecturing to large class as well as experience in dealing with academic administration.

Summer 2002, 2003, 2004

Ecologistics Research Services

Thorndale, ON.

### Principal Investigator, Level 2 Field Research Technician

- Oversaw numerous projects consisting of various field crops compliant to a study protocol.
- Responsible for assisting with the field testing of various pesticide products, GMO's and seed treatment products for various corporate sponsors.
- Gained experience and training in Good Laboratory Practices to participate in GLP projects under both OECD and EPA standards.
- Personally responsible for the maintenance of test sites and trial crops, application of maintenance pesticides and data recording during all aspects of the application process.
- Involved in business development and planning, organization of operating schedules and overseeing of minor use trials.
- Gained invaluable experience in working with heavy machinery including tractors, fork-lifts, seed drills, row planters, and various power tools.
- Also, in working in an agricultural setting I learned how to make minor repairs to farm equipment and deal with the challenge of working with heavy equipment in unpredictable conditions.

## Education

2004- Current                      The University of British Columbia

- Currently enrolled in the Graduate Program In Neuroscience.
- Enrolled at the Masters level

2000-2004                      The University of Western Ontario

- HB.Sc., Cell Biology.
- Currently on Dean's List
- Will be beginning graduate studies at the University of British Columbia in the department of Neuroscience in fall 2004

1995-2000                      John F. Ross. C.V.I. Guelph, ON.

- Graduated with honors.
- Ontario Scholar, winner of gold pin, Guelph Minor Hockey Association student athlete scholarship (\$500) and Western entrance scholarship (\$2500).

2004                      Good Laboratory Practices (GLP) Training

- PMRA/ OECD personnel responsibilities.
- Raw data recording.
- General 2003 GLP issues.
- 2004 RTN design and use.

## Publications

### Chapters:

**Davis, J.,** Giles, A. and Rankin, C.H. (in press) Neuroethology of Behaviour in *Caenorabditis*. In Encyclopedia Reference of Neuroscience, edited by U. Windhorst, M.Binder & N. Hirokawa, Springer-Verlag, Heidelberg.

### Abstracts:

**Justin R. Davis,** Michael P. Butterfield, Jacqueline K. Rose and Catharine H. Rankin. 2005. The Effects of Stimulation and Ethanol Exposure on Long-Term Memory Training. The 15<sup>th</sup> Biennial International *C. Elegans* Conference: University of California Los Angeles.

**Justin R. Davis,** Michael P. Butterfield, Jacqueline K. Rose and Catharine H. Rankin. 2005. The effects of stimulation and ethanol exposure on long-term memory and synaptic structure. Synaptic Function and Plasticity Conference: The University of British Columbia.

**Justin R. Davis** and Catharine H. Rankin. 2005. The Effects of Ethanol Exposure on *C.elegans* Development. 2005 Society for Neuroscience: Washington DC.

## Interests

-Avid hockey player from child hood, I've played at both the minor and junior level in Ontario.

- I've been involved in volunteer tutoring programs throughout High school and University

- Reading, Agriculture and the great outdoors