

**2010 Training Program
"Research Animal Training Scheme"
Modules 1, 2 and 4**

The closing date for registrations is FRIDAY 9 April 2010.

PROGRAM INFORMATION

Program objectives:

The overall aim of this program is to provide researchers using animals with the knowledge and practical skills to ensure:

- compliance with the legislation
- humane animal use
- ethical animal use
- minimisation of risks associated with the use of animals

Potential participants:

Persons who are/will be working or studying in areas in which animals are used for research or teaching purposes (eg. under-graduate students, honours students, post-graduate students, and experienced researchers who wish to update their knowledge).

Presentation:

The program consists of on-line learning, tutorials and practical sessions. Participants may participate in or attend all/any of the modules. However, it should be noted that some modules are prerequisites, and Module One must be completed before participation in any other modules.

Assessment:

The program has been designed so that participants are issued with a "Statement of Attendance" for the Module/s successfully completed. Self-study, workplace training, and supervisor and trainer assessment, in addition to participation in the program, are required for successful achievement of competency. Assessment methods vary with the module type and include on-line assessment, assignments, and work-place assessment.

Resource material:

1. Comprehensive information and notes are provided online via Blackboard available at the [University of Newcastle website](#). Provision of information on a CD-ROM is available on request (see [Order Form](#)).
2. DVDs and CD ROMs. The presentation of the program involves the extensive use of videos, DVDs and CD ROMs. These are available for loan from the Auchmuty Library, University of Newcastle (for use within the library only). Participants may also wish to purchase copies, with contact details provided below.

Title	Source (Information on ordering)
"Principles of aseptic surgery". DVD.	The University of Newcastle.
"Laparotomy in the rat". DVD.	The University of Newcastle.
"Careful how you hold me". CD Rom	The University of Melbourne.

Title	Source (Information on ordering)
"Pain assessment in the rat". CD Rom	Professor Paul Flecknell, University of Newcastle upon Tyne, UK.
"Pain assessment in the rat". CD Rom	Professor Paul Flecknell, University of Newcastle upon Tyne, UK.
"Laboratory animal anaesthesia: Small mammals 1. Rat and Mouse". CD Rom	Professor Paul Flecknell, University of Newcastle upon Tyne, UK.
"Laboratory animal anaesthesia: Small mammals 2. Rabbit and Guinea Pig". CD Rom	Professor Paul Flecknell, University of Newcastle upon Tyne, UK.
"Laboratory Animal Anaesthesia: Anaesthesia of the Cat and Dog". CD Rom	Professor Paul Flecknell, University of Newcastle upon Tyne, UK.

OUTLINE AND STRUCTURE

MODULE 1: Introduction to the use of animals in research (On-line)

Description:	On-line course covering the legislative and institutional requirements governing the use of animals for research and teaching at the University of Newcastle, and the principles and practice of animal care and welfare.
Prerequisite:	Working or studying in areas in which animals are used for research or teaching purposes.
Availability:	This module is provided via Blackboard available at the University of Newcastle website . Once your registration details are received, you will be enrolled in the course and will have access to Blackboard.
Cost:	\$35.00 (University of Newcastle staff/students) \$110 (External)
Assessment:	<ul style="list-style-type: none"> • On-line quiz. • Assignments • Workplace assessment.
Additional information:	This module is a pre-requisite for Modules 2-6.

MODULE 2: Monitoring, pain management and anaesthesia (On-line)

Description:	On-line course covering the monitoring of animal well-being, the assessment and management of pain and distress in animals, and the principles of anaesthesia.
Prerequisite:	Satisfactory results following completion of the on-line quiz for Module 1.
Availability:	This module is provided via Blackboard available at the University of Newcastle website . Once your registration details are received, you will be enrolled in the course and will have access to Blackboard.
Cost:	\$35.00 (University of Newcastle staff/students) \$110 (External)
Assessment:	<ul style="list-style-type: none"> • On-line quiz. • Assignments • Workplace assessment.
Additional information:	This module is a pre-requisite for Modules 4, 5 and 6.

MODULE 4: Animal care, monitoring, handling, and basic research procedures

Description:	Practical session involving: <ul style="list-style-type: none">• Demonstration of basic animal care and handling, administration of substances (including injection techniques and gavage), and blood collection.• Interactive discussion on the monitoring of animal well-being.• Demonstration of the conduct of an autopsy. All participants will have the opportunity to obtain “hands-on” experience with the demonstrated techniques.
Prerequisite:	1. Satisfactory results following completion of the on-line quiz for Module 1, and Module 2 by 9am, Monday 12 April 2010.
Availability:	Date and time: 9:15 am to 5.00 pm, Thursday 22 April 2010 Venue: Research Support Unit, John Hunter Hospital, Lookout Drive, New Lambton, Newcastle. Catering: Morning tea will be provided. Lunch may be purchased at venues within the hospital precincts.
Cost:	\$50 (University of Newcastle staff/students) \$140 (External)
Assessment:	<ul style="list-style-type: none">• Assignments• Work-place assessment.
Additional information:	The number of participants for this module is <u>LIMITED</u>. This module is a pre-requisite for Module 5 and 6.

Directions to training venues:

For directions to training venues, see the University of Newcastle website at:
<http://www.newcastle.edu.au/research/animal/training.html#directions>