Module 1: Regulation of Experimental Animal Care and Use
1.1 Animal Welfare in the U.S
1.2 Animal Welfare Assurances
1.3 Responsibilities of Institutional Animal Care and Use Committees
1.4 Roles and Responsibilities of Laboratory Animal Users and Care Providers
1.5 Categories of Pain and Distress
1.6 Regulation of Experimental Animal Use Quiz

Module 2: Ethical Issues of Experimental Animal Use
2.1 The Animal Welfare Movement
2.2 Scientific Integrity
2.3 Replacement, Reduction and Refinement: The Three Rs
2.4 Contentious Issues of Experimental Animal Use
2.5 Ethical Issues of Experimental Animal Use Quiz

Module 3: Fish as Research Animals
3.1 Fish as Experimental Models
3.2 Responsibility of the Investigator
3.3 Role of the Animal Care Technician / Veterinarian in Research
3.4 Environmental Enrichment for Aquatic Animals
3.5 Humane Endpoints
3.6 Fish as a Research Animal Quiz

Module 4: Aquatic Animal Facilities
4.1 Aquatic Animal Holding Facilities
4.2 Facility Operation and Maintenance Issues
4.3 Standard Operating Procedures
4.4 Disinfection Protocols
4.5 Aquatic Animal Facilities Quiz

Module 5: Aquatic Animal Care
5.1 Water Quality Parameters Required for Life Support
5.2 Other Water Quality Parameters
5.3 Fish Feeding and Nutrition
5.4 Animal Records and Monitoring
5.5 Aquatic Animal Transport and Acclimation
5.6 Aquatic Animal Handling and Restraint Quiz

Module 6: Fish Disease, Anesthesia, and Euthanasia
6.1 Fish Disease
6.2. Anesthesia
6.3 Euthanasia
6.4 Additional Resources on Fish Care and Use
6.5 Fish Disease, Anesthesia, and Euthanasia Quiz

Module 7: Occupational Health and Safety in Aquatic Animal Facilities
7.1 Physical Hazards
7.2 Chemical Hazards
7.3 Biological Hazards
7.4 Occupational Health & Safety Quiz

550 University Avenue
Charlottetown, PE
Canada C1A 4P3
Tel: 902-620-5216
pdp@upei.ca