ANIMAL CARE & USE COURSES

AALAS Certification Preparation
CMAR: Preparing for the Animal Resources Exam
Study & Test-Taking Skills
Taking an AALAS Technician Certification Exam

ALAT Training (2018)
1: The Field of Laboratory Animal Science
2: The Animal Research Environment
3: Facility Security & Emergencies
4: Occupational Health & Safety
   Unit 1 Review Exam (ALAT 1–4)
5: Facility Equipment
6: Caging Systems
7: The Laboratory Animal Environment
8: Housekeeping Tasks & Contamination Control
9: Feed & Nutrition
10: Husbandry
   Unit 2 Review Exam (ALAT 5–10)
11: Animal Procurement & Quarantine
12: Medications
13: Colony Health Surveillance
14: Euthanasia
   Unit 3 Review Exam (ALAT 11–14)
15: Introduction to Science & Metrics
16: Experimental Design & Methodology
17: Heredity & Breeding
   Unit 4 Review Exam (ALAT 15–17)
18: Mice
19: Rats
20: Hamsters
21: Gerbils
22: Guinea Pigs
23: Rabbits
24: Cats
25: Dogs
26: Swine
27: Ruminants
28: Nonhuman Primates
29: Birds
30: Fish
31: Amphibians
32: Ferrets
33: Less Common Research Animals
   Unit 5 Review Exam (ALAT 18–33)
   Final Review Exam (ALAT 1–33)

LATG Training (2016)
1: Personnel Management
2: Training
3: Facility Management
4: Facility Security and Disaster Planning
5: Managing Compliance
6: Health Surveillance and Quality Assurance
   Unit 1 Review Exam (LATG)
   Final Review Exam (LATG 01-15)
7: Biochemistry, Nutrition, and Feed
8: Molecular Biology
9: Genetic Engineering
10: Gnotobiotics
   Unit 2 Review Exam (LATG)
11: Immunology
12: Agents of Infectious Disease
13: Common Health Problems of Laboratory Animals
14: Diagnostic Techniques
15: Pharmacology
16: Anesthesia and Analgesia
   Unit 3 and 4 Review Exam (LATG)
   Final Review Exam (LATG 01-18)

Analgesia, Anesthesia, & Surgery
Aseptic Technique for Rodent Survival Surgery
Inhalation Anesthesia Systems for Rodents
Pain Management in Laboratory Animals
Post-Procedure Care of Mice & Rats in Research: Minimizing Pain & Distress
Small Ruminant Anesthesia

Animal Health & Wellbeing
Environmental Enrichment
Introduction to Laboratory Animal Medicine

Bioethics
Ethical Case 1: Mouse in a Parasitology Experiment
Ethical Case 2: Rat with Partial Paralysis
Ethical Decision-Making in Animal Research

Bioimaging
Magnetic Resonance Imaging
Optical Imaging
PET and SPECT Imaging
Thermography Imaging

Biosecurity
Introduction to VA Biosecurity Concepts

Calculations & Statistics
Basic Metrics for the Laboratory Animal Facility Design and Statistical Analysis of Laboratory Animal Studies
Dose Calculations: Basic
Dose Calculations: Advanced
Fractions, Percentages, & Decimals

Compliance & IACUC Training
Avoiding Financial Conflict of Interest in Federal Research
Common Compliance Issues
Essentials for IACUC Members
IACUC Chair: Role and Responsibilities
Institutional Official: Role in Laboratory Animal Research
Maintaining Animal Procedure Areas
Post-Approval Monitoring
Refresher: Working with the IACUC
Semiannual Facility Inspection
Working with the IACUC

Facilities, Supplies, & Materials
Aquatic Animal Husbandry & Management
Cage Equipment Cleaning Using Mechanical Washers
Microbial Decontamination Principles & Chemical Disinfectants
Personal Protective Equipment for Working in a Laboratory Animal Facility
Physical Plant Work in the LAF—Manager Orientation
Physical Plant Work in the LAF—Technician Orientation
Syringes & Needles
Watering Systems

Lab Animal Support Certificate
Introduction to the Program

Management & Training
Active Listening

7/2020
Species-Specific Courses

- Introduction to Amphibians
- Introduction to Bats
- Introduction to Birds
- Introduction to Cats
- Introduction to Cattle
- Introduction to Chinchillas
- Introduction to Cotton Rats
- Introduction to Dogs
- Introduction to Ferrets
- Introduction to Fish
- Introduction to Gerbils
- Introduction to Guinea Pigs
- Introduction to Hamsters
- Introduction to Horses
- Introduction to Mice
- Introduction to Monodelphis Opossums
- Introduction to Nonhuman Primates
- Introduction to Rabbits
- Introduction to Rats
- Introduction to Sheep & Goats
- Introduction to Swine
- Introduction to Wildlife
- Introduction to Woodchucks
- Working with Laboratory Xenopus
- Working with Laboratory Zebras
- Working with Poultry in the Laboratory
- Working with the Laboratory Dog (5 courses):
  - The Basics
  - Endotracheal Intubation
  - Injections & Blood Collection
  - Urinary Catheterization
  - Venous Catheterization

Toxicology

- Toxicological Research I: Basics
- Toxicological Research II: Drug and Biological Product Development
- Toxicological Research III: Risk Assessment and Policy

HUMAN RESEARCH PROTECTIONS LIBRARY

- Protecting Human Research Participants (Biomedical)

ANIMAL BIOSAFETY TRAINING PROGRAM LIBRARY

- AALAS Animal Biosafety Training Program Introduction
- Animal Biosafety Risk Assessment & Management
- Animal Facility Designs for Biocontainment
- Biocontainment Equipment
- Biosecurity in Animal Biocontainment Facilities
- Incident Planning & Response within the Animal Biocontainment Facility
- Institutional Responsibilities & Animal Biosafety
- Microbiological Decontamination in Biocontainment
- Occupational Health & Animal Biosafety
- Select Agents & Toxins Regulations
- Working Safely with Laboratory Animals in Biocontainment
- Working Safely with Nonhuman Primates in Biocontainment
- Working Safely with Poultry in Biocontainment
- Working Safely with Rabbits & Ferrets in Biocontainment
- Working Safely with Rodents in Biocontainment

TRANSGENICS TRAINING PROGRAM LIBRARY

- An Introduction to the AALAS Transgenics Training Program
- Colony Management I: Basics
- Colony Management II: Daily Workflow
- Colony Management III: Plans and Strategies
- Genetics: The Basics
- Genetics: Transgenic Mice
- Nomenclature: Mice
- Nomenclature: Rats
- Transgenic and Gene-Targeted Technology

ADVANTAGES OF INSTITUTIONAL GROUP SUBSCRIPTIONS

- Access to group training records* 
- Data automation services—federated single sign-on, transcript downloads* 
- Create your own course or customize one of ours—up to 15 courses free! 
- Training Management tools—assign courses, get completion notifications 
- Customize your group's course tracks for easy navigation. 
- Friendly customer service by phone or email.

FEATURING FOR USERS

- Practice questions & final exams 
- Personal transcripts 
- Certificates of completion 
- Training Program Certificates 
- Continuing Education Units (CEUs); RACE CEs

PRICING FOR 1-YEAR SUBSCRIPTION

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*Additional Services (available only to groups of institutions & companies with a paid account subscription.)

Automated Data Services: 
- $350 members/$700 nonmembers
- 1–15 Custom Courses: 
  - $0 members/nonmembers
- 16–50 Custom Courses: 
  - $1,000 members / $2,000 nonmembers

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