ANIMAL CARE & USE COURSES LIBRARY

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

ALAT Training (2009)
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: Laboratory Animal Facility Design
   & Environmental Management
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: Amphibians
31: Fish
32: Less Common Research Animals
   Unit 5 Review Exam (ALAT 18–32)
   Final Review Exam (ALAT 1–32)

LAT Training (2012)
1: Overview of Scientific Research
2: Policies, Guidelines & Regulations in
   Animal Research
3: Ethics in Animal Research
   Unit 1 Review Exam (LAT 01-04)
4: Administrative Responsibilities
5: Laboratory Animal Facility Design
   & Environmental Management
6: The Aquatic Environment
   Unit 2 Review Exam (LAT 05-06)
7: Anatomy & Physiology
8: Genetics & Breeding Colony Management
9: Calculations & Conversions
   Unit 3 Review Exam (LAT 07-09)
10: Common Technical Procedures
11: Research Methodology
12: Surgical Instruments & Materials
13: Aseptic Technique, Surgical Support, & Anesthesia
   Unit 4 Review Exam (LAT 10-13)
14: Diseases & Emergencies
15: Emergency Situations
   Unit 5 Review Exam (LAT 14-15)
   Final Review Exam (LAT 01-15)

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
7: Occupational Health and Safety
   Unit 1 Review Exam (LATG)
8: Biochemistry, Nutrition, and Feed
9: Molecular Biology
10: Genetic Engineering
11: Gnotobiotics
   Unit 2 Review Exam (LATG)
12: Immunology
13: Agents of Infectious Disease
14: Common Health Problems of Laboratory Animals
15: Diagnostic Techniques
16: Pharmacology
17: Anesthesia and Analgesia
18: Experimental Design and Data Handling
   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
Post-Procedure Care of Mice & Rats in Research:
Minimizing Pain & Distress
Small Ruminant Anesthesia

Animal Health & Wellbeing
Environmental Enrichment
Introduction to Laboratory Animal Medicine
Laboratory Animal Nutrition

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

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

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

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

Management & Training
Active Listening
Communicating with the Non-Native English Speaker

9/2018
Delegation & Empowerment
Reaching Out to the Public: A How to Guide
Standard Operating Procedures (SOPs)
Team Building
Time Management & Goal Setting
Training in Laboratory Animal Science—An Overview
Writing Multiple Choice Questions

**Occupational Health & Safety**
Bloodborne Pathogens Training
Compassion Fatigue
Ergonomics: Working Smart
Health Risks & Safety Procedures for Working with Nonhuman Primates
Introduction to Ergonomics
Laboratory Animal Allergy
Personal Protective Equipment for Working in a Laboratory Animal Facility

**Species-Specific Courses**
Introduction to Amphibians
Introduction to Bats
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 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 Zebrafish
Working with Poultry in the Laboratory
Working with the Laboratory Dog (5 courses):
  - The Basics
  - Endotracheal Intubation
  - Injections & Blood Collection
  - Urinary Catheterization
  - Venous Catheterization
Working with the Laboratory Ferret
Working with the Laboratory Mouse
Working with the Laboratory Rat

**TOXICOLOGY**
Toxicological Research I: Basics
Toxicological Research II: Drug and Biological Product Development

**U.S. Mandates & Guidelines**
Animal Welfare Act Regulations
Biosafety in Microbiologic & Biomedical Laboratories (5th Edition)
Export Control Regulations
Good Laboratory Practice Regulations
Guide for the Care and Use of Agricultural Animals in Research and Teaching (3rd Edition)
Guide for the Care & Use of Laboratory Animals (8th Edition 2011)
NIH Guidelines for Research with Recombinant or Synthetic DNA
Occupational Health & Safety in the Care & Use of Research Animals
PHS Policy on Humane Care & Use of Laboratory Animals
Working with Controlled Substances

**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
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
Working Safely with Ungulates 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

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**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—or 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.

**FEATURES FOR USERS**
- Practice questions & final exams
- Personal transcripts
- Certificates of completion
- Continuing Education Units (CEUs); RACE CEs

**PRICING FOR 1-YEAR SUBSCRIPTION**

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Note: Member rates for group subscriptions are available to institutional & commercial members, & AALAS branches
& global partners. Large group enrollment is available to AALAS institutional & commercial members only.

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

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- 1–15 Custom Courses:
  - $0 members/nonmembers
- 16–50 Custom Courses:
  - $1,000 members/$2,000 nonmembers

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