

Essential online training for investigators, technicians, veterinarians, managers, and IACUC members in the laboratory animal science field.

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: 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: 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
- 4: Administrative Responsibilities
- 5: Laboratory Animal Facility Design & Environmental Management
- 6: The Aquatic Environment
- 7: Anatomy & Physiology
- 8: Genetics & Breeding Colony Management
- 9: Calculations & Conversions
- 10: Common Technical Procedures
- 11: Research Methodology
- 12: Surgical Instruments & Materials
- 13: Aseptic Technique, Surgical Support, & Anesthesia
- 14: Diseases & Emergencies
- 15: Emergency Situations

Unit 1 Review Exam (LAT 01-04)

Unit 2 Review Exam (LAT 05-06)

Unit 3 Review Exam (LAT 07-09)

Unit 4 Review Exam (LAT 10-13)

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
- 8: Biochemistry, Nutrition, and Feed
- 9: Molecular Biology
- 10: Genetic Engineering
- 11: Gnotobiotics
- 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 1 Review Exam (LATG)

Unit 2 Review Exam (LATG)

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*
- 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 Laboratory Animal Facility
- Syringes & Needles
- Watering Systems

Management & Training

- Active Listening
- Communicating with the Non-Native English Speaker
- Delegation & Empowerment

Standard Operating Procedures (SOPs)
 Reaching Out to the Public: A How to Guide*
 Team Building
 Time Management & Goal Setting
 Workplace Training
 Writing Multiple Choice Questions*

Occupational Health & Safety

Bloodborne Pathogens Training
 Ergonomics: Working Smart
 Compassion Fatigue
 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 Cats*
 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
 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

8th Edition of the Guide for the Care & Use of Laboratory Animals
 Animal Welfare Act Regulations
 AVMA Guidelines for the Euthanasia of Animals: 2013 Edition
 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)
 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
 Concepts & Practices of Animal Biosafety: ABSL-2 & ABSL-3
 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
 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

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.

FEATURES FOR USERS

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

PRICING FOR 1-YEAR SUBSCRIPTION

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.)

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

	Seats	Members	Nonmembers
Individual	1	\$105	\$180
Group Enrollment	8	\$650	\$1,000
	16	\$950	\$1,300
	31	\$1,050	\$1,500
	51	\$1,250	\$1,800
	76	\$1,500	\$2,200
	150	\$1,900	\$2,500
	175	\$2,100	\$2,900
Large Group Enrollment	2000	\$2,700	\$3,900
	5000	\$3,700	\$4,900

Up to 34 courses approved by AAVSB for RACE CEs.

*You can take this course free (in the Free Courses track), but you need an account to receive transcript documentation.