

IACUC TRAINING REQUIREMENTS

All individuals listed on the protocol, including the PI and Co-PI (it is only necessary to complete one of the options listed for each topic.)

- Basic Training
The courses are under the Compliance and IACUC Training sub-track.
(Select one)
 - Working with the IACUC: VA version
 - Working with the IACUC: non-VA version
- Occupational Health Training
The courses are under the US Mandates and Guidelines sub-track.
(Select one)
 - Occupational Health and Safety in the Care and Use of Research Animals
 - Orientation to Biosafety in Microbiological and Biomedical Laboratories, 5th Edition

The Hines/NC VA IACUC "Working with the IACUC (VA version)" course requires re-certification every two (2) years.

Training for individuals listed on a protocol with direct contact with the animals (it is only necessary to complete one of the options listed for each topic):

Species	Human Care and Use	Preparing an Animal Protocol	Video Tape in CMF	Working with the Laboratory Dog	Working Safely with Non-Human Primates
Mouse	X	X	X		
Rat	X	X	X		
Hamster	X	X	X		
Gerbil		X			
Guinea Pig	X	X	X		
Rabbit	X	X	X		
Ferret			X		
Feline	X	X	X		
Canine	X	X	X	X	
Swine	X		X		
Non-Human Primate	X		X		X
Zebrafish	X				

Training for individuals listed in the surgery protocol that are providing anesthesia and or analgesia, performing the surgical procedures and post-surgical care need to complete the training.

Instructions for Personnel to Access the AALAS Learning Library:

1. Please go to <https://www.aalaslearninglibrary.org>
2. On the home page, click "SUBSCRIBE".
3. Select: Yes, I have an Access Code.
4. Enter the access code "loyolastritch070107" and 'Submit'.
5. Complete 'Sign Up' page. Choose a username and password; please keep a record of this login for later use.
6. Enter the contact information requested. Please make sure that your e-mail address (username@luc.edu) is correct.
7. When enrollment is complete, select the **Loyola University Chicago Stritch School of Medicine Courses**.
8. Select the track (topic) which best matches your course topic.
Example: The course "Working with the IACUC non-VA version" is found in the "Basic Training".
9. Please note: If in the future you need to be provided with your username and password, please use the "forgot username or password?" link, which is adjacent to the login area. This utility emails you your username and password.
10. Contact us if you need to reset your password.

Please print your certificate or transcript and fax to X-69399 and/or send to us via e-mail to avalero@luc.edu or Pyong4@luc.edu.

Loyola IACUC requires staff to recertify every three (3) years.

The Hines VA IACUC Meeting requires staff to recertify every three (3) years.

Required levels of training:

All individuals listed on a protocol, including those without animal contact, including the PI and Co-PIs require:

- 1) Basic Training.
- 2) Occupational Health.

Occupational Health Training. Staff working under with Laboratory Biosafety Level 1 and 2 level, must take the Orientation to Biosafety in Microbiological and Biomedical Laboratories, 5th Edition. Others, the Occupational Health and Safety in the Care and Use of Research Animals.

All individuals with animal contact ALSO require:

- 3) Species Specific Training
- 4) Anesthesia/Analgesics Training where applicable
- 5) Surgical Training where applicable
- 6) Post-Procedure Care where applicable

Euthanasia experience needs to be listed in the ACORP.

GROUP PROFILE

Edit Profile ()

Tracks ()

Tracks & Courses *

Add Track
* Basic Training
Working with the IACUC
* Occupational Health Training (Select One)
Occupational Health and Safety in the Care and Use of Research Animals
Orientation to Biosafety in Microbiological and Biomedical Laboratories, 6th Edition
* Species Specific Training
Working with Laboratory Zebrafish
Working with the Laboratory Rat
Introduction to Amphibians
Introduction to Sheep and Goats
Introduction to Gerbils
Introduction to Hamsters
Introduction to Rabbits
Introduction to Guinea Pigs
Introduction to Mice

Introduction to Rats
Introduction to Cats
Mouse Breeding Colony Management
Video: Working With the Laboratory Dog
Working with the Laboratory Mouse
Introduction to Dogs
Introduction to Swine
Introduction to Nonhuman Primates
Working with Poultry in the Laboratory
Working with the Laboratory Ferret
Working with Laboratory Xenopus
* Anesthesia/Analgesia Training (Select One)
Pain Management in Laboratory Animals
Inhalation Anesthesia Systems for Rodents
* Surgery I Training
Aseptic Technique for Rodent Survival Surgery
* Post-Procedure Care Training
Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress
* Loyola University Chicago Stritch School of Medicine Courses
CD: Working with the Laboratory Dog (practice questions)
Introduction to Gerbils

Essentials for IACUC Members
Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress
Introduction to Rabbits
Introduction to Hamsters
Introduction to Dogs
Introduction to Rats
Introduction to Mice
Introduction to Guinea Pigs
LAT 01: Public and Private Interests in Animal Research
LAT 10: Diagnostic Techniques
LAT 11: Aseptic Technique and Surgical Support and Anesthesia
LAT 12: Emergency Veterinary Care
LAT 13: Research Methodology
LAT 14: Calculations and Conversions
LAT 02: Administrative Responsibilities
LAT 03: Laboratory Techniques
LAT 04: Genetics and Breeding
LAT 05: Anatomy and Physiology
LAT 06: Laboratory Animal Facility Equipment
LAT 07: The Laboratory Environment
LAT 08: Animal Health Maintenance

LAT 09: Health and Disease
Animal Welfare Act Regulations
Video: Working With the Laboratory Dog
Communicating with the Non-Native English Speaker
Introduction to Swine
Introduction to Cats
Inhalation Anesthesia Systems for Rodents
Introduction to Nonhuman Primates
Public Health Service Policy on Humane Care and Use of Laboratory Animals
Good Laboratory Practice Regulations
Mouse Breeding Colony Management
Video: Working Safely with Nonhuman Primates
Ethical Decision-Making in Animal Research
Ethical Case 1: Mouse in a Parasitology Experiment
Ethical Case 2: Rat with Partial Paralysis
Health Risks and Safety Procedures for Working with Nonhuman Primates
Working with the Laboratory Mouse
Fractions and Percentages and Decimals
Dose Calculations: Basic
LAT Training Manual: Review Exam (LAT 1-5)
Taking an AALAS Technician Certification Examination
Basic Metrics for the Laboratory Animal Facility

LAT Training Manual: Review Exam (LAT 6-10)
LAT Training Manual: Training Manual: Review Exam (LAT 11-14)
Semiannual Facility Inspection
Introduction to Laboratory Animal Medicine
Introduction to Ergonomics in the Laboratory Animal Facility
Cage Equipment Cleaning Using Mechanical Washers
Writing Multiple Choice Questions
LAT Training Manual: Final Review Exam (LAT 1- 14)
Genetically Engineered Mice: Approaches for Evaluating the Phenotype
Workplace Training
Genetically Engineered Mice: Overview of Transgenesis and Conditional Control
Genetically Engineered Mice: Historical Perspectives
Active Listening
Team Building
Time Management and Goal Setting
Aseptic Technique for Rodent Survival Surgery
Maintaining Animal Procedure Areas
Working with the Laboratory Dog: The Basics
Working with the Laboratory Rat
Syringes and Needles
Laboratory Animal Nutrition

Occupational Health and Safety in the Care and Use of Research Animals	<input type="checkbox"/>
Orientation to Biosafety in Microbiological and Biomedical Laboratories, 5th Edition	<input type="checkbox"/>
Working with the Laboratory Ferret	<input type="checkbox"/>
Working with the Laboratory Dog: Venous Catheterization	<input type="checkbox"/>
Working with the Laboratory Dog: Urinary Catheterization	<input type="checkbox"/>
Working with the Laboratory Dog: Endotracheal Intubation	<input type="checkbox"/>
Working with the Laboratory Dog: Injections and Blood Collection	<input type="checkbox"/>
Introduction to Amphibians	<input type="checkbox"/>
Avoiding Financial Conflict of Interest in Federal Research	<input type="checkbox"/>
Introduction to VA Biosecurity Concepts	<input type="checkbox"/>
LATG 01: Personnel Management (2007)	<input type="checkbox"/>
LATG 03: Facility Security and Disaster Planning (2007)	<input type="checkbox"/>
LATG 02: Facility Management (2007)	<input type="checkbox"/>
LATG 04: Regulations (2007)	<input type="checkbox"/>
LATG 05: Health Surveillance and Quality Assurance (2007)	<input type="checkbox"/>
LATG 06: Occupational Health and Safety (2007)	<input type="checkbox"/>
LATG 07: Introduction to Organic Chemistry and Biochemistry (2007)	<input type="checkbox"/>
LATG 08: Molecular Biology (2007)	<input type="checkbox"/>
LATG 09: Immunology (2007)	<input type="checkbox"/>
LATG 10: Genetic Engineering (2007)	<input type="checkbox"/>
LATG 11: Gnotobiotics (2007)	<input type="checkbox"/>
LATG 12: Agents of Infectious Disease (2007)	<input type="checkbox"/>

LATG 13: Common Diseases of Laboratory Animals (2007)	<input type="checkbox"/>
LATG 14: Diagnostic Techniques (2007)	<input type="checkbox"/>
LATG 15: Pharmacology (2007)	<input type="checkbox"/>
LATG 16: Anesthesia and Analgesia (2007)	<input type="checkbox"/>
LATG 17: Experimental Design and Data Handling (2007)	<input type="checkbox"/>
CMAR: Preparing for the Animal Resources Exam	<input type="checkbox"/>
LATG Training Manual: Final Review Exam (2007)	<input type="checkbox"/>
LATG Training Manual: Unit 1 Review Exam (/LATG 1-6 2007)	<input type="checkbox"/>
LATG Training Manual: Unit 2 Review Exam (/LATG 7-11 2007)	<input type="checkbox"/>
LATG Training Manual: Unit 3 and 4 Review Exam (LATG 12-17 2007)	<input type="checkbox"/>
Working with Laboratory Zebrafish	<input type="checkbox"/>
ALAT 01: Field of Laboratory Animal Science (2009)	<input type="checkbox"/>
ALAT 02: The Animal Research Environment (2009)	<input type="checkbox"/>
ALAT 03: Facility Security and Emergencies (2009)	<input type="checkbox"/>
ALAT 04: Occupational Health and Safety (2009)	<input type="checkbox"/>
ALAT 05: Facility Equipment (2009)	<input type="checkbox"/>
ALAT 06: Caging Systems (2009)	<input type="checkbox"/>
ALAT 07: Laboratory Animal Environment (2009)	<input type="checkbox"/>
ALAT 08: Housekeeping Tasks and Contamination Control in the Animal Facility (2009)	<input type="checkbox"/>
ALAT 09: Feed and Nutrition (2009)	<input type="checkbox"/>
ALAT 10: Husbandry (2009)	<input type="checkbox"/>

ALAT 11: Animal Procurement and Quarantine (2009)	<input type="checkbox"/>
ALAT 12: Medications (2009)	<input type="checkbox"/>
ALAT 13: Colony Health Surveillance (2009)	<input type="checkbox"/>
ALAT 14: Euthanasia (2009)	<input type="checkbox"/>
ALAT 15: Introduction to Science and Metrics (2009)	<input type="checkbox"/>
ALAT 16: Experimental Design and Methodology (2009)	<input type="checkbox"/>
ALAT 17: Heredity and Breeding (2009)	<input type="checkbox"/>
ALAT 18: Mice (2009)	<input type="checkbox"/>
ALAT 19: Rats (2009)	<input type="checkbox"/>
ALAT 20: Hamsters (2009)	<input type="checkbox"/>
ALAT 21: Gerbils (2009)	<input type="checkbox"/>
ALAT 22: Guinea Pigs (2009)	<input type="checkbox"/>
ALAT 23: Rabbits (2009)	<input type="checkbox"/>
ALAT 24: Cats (2009)	<input type="checkbox"/>
ALAT 25: Dogs (2009)	<input type="checkbox"/>
ALAT 26: Swine (2009)	<input type="checkbox"/>
ALAT 27: Ruminants (2009)	<input type="checkbox"/>
ALAT 28: Nonhuman Primates (2009)	<input type="checkbox"/>
ALAT 29: Birds (2009)	<input type="checkbox"/>
ALAT 30: Amphibians (2009)	<input type="checkbox"/>
ALAT 31: Fish (2009)	<input type="checkbox"/>
ALAT 32: Less Common Research Animals (2009)	<input type="checkbox"/>

ALAT Training Manual: Unit 1 Review Exam (ALAT 01-04) (2009)	<input type="checkbox"/>
ALAT Training Manual: Unit 2 Review Exam (ALAT 05-10)	<input type="checkbox"/>
ALAT Training Manual: Unit 3 Review Exam (ALAT 11-14) (2009)	<input type="checkbox"/>
ALAT Training Manual: Unit 4 Review Exam (ALAT 15-17)	<input type="checkbox"/>
ALAT Training Manual: Unit 5 Review Exam (ALAT 18-32) (2009)	<input type="checkbox"/>
ALAT Training Manual Review: Final Review Exam (ALAT 01-32) (2009)	<input type="checkbox"/>
Learning about Frogs: Advanced	<input type="checkbox"/>
Delegation and Empowerment	<input type="checkbox"/>
Watering Systems	<input type="checkbox"/>
8th Edition of the Guide for the Care and Use of Laboratory Animals (2011)	<input type="checkbox"/>
Working with Laboratory Xenopus	<input type="checkbox"/>
Laboratory Biosecurity	<input type="checkbox"/>
Bloodborne Pathogens Training for Animal Research	<input type="checkbox"/>
Introduction to Ferrets	<input type="checkbox"/>
Common Compliance Issues	<input type="checkbox"/>
Working with Controlled Substances	<input type="checkbox"/>
Learning about Frogs: Introduction	<input type="checkbox"/>
Post-Approval Monitoring	<input type="checkbox"/>
Refresher: Working with the IACUC	<input type="checkbox"/>
Introduction to Sheep and Goats	<input type="checkbox"/>
Working with Poultry in the Laboratory	<input type="checkbox"/>

Working with the IACUC	□
Occupational Health and Animal Biosafety	□
Microbiological Decontamination Principles and Chemical Disinfectants	□
Biocontainment Equipment	□
Careers for Laboratory Animal Technicians	□
Animal Facility Designs for Biocontainment	□
Animal Biosafety Risk Assessment and Management	□
Careers for Laboratory Animal Veterinarians	□
Working Safely with Laboratory Animals in Biocontainment	□
Introduction to Laboratory Animal Science	□
Caring for Animals in the Classroom	□
Design and Statistical Analysis of Laboratory Animal Studies	□
Institutional Responsibilities and Animal Biosafety	□
Microbiological Decontamination in Biocontainment	□
Concepts and Practices of Animal Biosafety: ABSL-2 and ABSL-3	□
AALAS Animal Biosafety Training Program Introduction	□
Study and Test-Taking Skills	□
Working Safely with Nonhuman Primates in Biocontainment	□
Working Safely with Rabbits and Ferrets in Biocontainment	□
Incident Planning and Response within the Animal Biocontainment Facility	□
Reaching Out to the Public: A How to Guide	□
Aquatic Animal Husbandry and Management	□

Working Safely with Ungulates in Biocontainment	<input type="checkbox"/>
Personal Protective Equipment for Working in a Laboratory Animal Facility	<input type="checkbox"/>
LAT 01: Overview of Scientific Research	<input type="checkbox"/>
LAT 02: Policies, Guidelines and Regulations in Animal Research	<input type="checkbox"/>
LAT 04: Administrative Responsibilities	<input type="checkbox"/>
Biosecurity in Animal Biocontainment Facilities	<input type="checkbox"/>
LAT 06: The Aquatic Environment	<input type="checkbox"/>
LAT 05: Laboratory Animal Facility Design and Environmental Management	<input type="checkbox"/>
LAT 03: Ethics in Animal Research	<input type="checkbox"/>
LAT 07: Anatomy and Physiology	<input type="checkbox"/>
LAT 08: Genetics and Breeding Colony Management	<input type="checkbox"/>
LAT 09: Calculations and Conversions	<input type="checkbox"/>
LAT 10: Common Technical Procedures	<input type="checkbox"/>
LAT 11: Research Methodology	<input type="checkbox"/>
LAT 12: Surgical Instruments and Materials	<input type="checkbox"/>
LAT 13: Aseptic Technique, Surgical Support, and Anesthesia	<input type="checkbox"/>
LAT 14: Diseases and Health Conditions	<input type="checkbox"/>
LAT 15: Emergency Situations	<input type="checkbox"/>
Select Agents and Toxins Regulations	<input type="checkbox"/>
LAT Training Manual: Unit 1 Review Exam (LAT 01-04)	<input type="checkbox"/>
LAT Training Manual: Unit 2 Review Exam (LAT 05-06)	<input type="checkbox"/>

LAT Training Manual: Unit 3 Review Exam (LAT 07-09)	<input type="checkbox"/>
LAT Training Manual: Unit 4 Review Exam (LAT 10-13)	<input type="checkbox"/>
LAT Training Manual: Unit 5 Review Exam (LAT 14-15)	<input type="checkbox"/>
LAT Training Manual: Final Review Exam (LAT 01-15)	<input type="checkbox"/>
AVMA Guidelines for the Euthanasia of Animals: 2013 Edition	<input type="checkbox"/>
Working Safely with Rodents in Biocontainment	<input type="checkbox"/>
Introduction to Fish	<input type="checkbox"/>
Introduction to Wildlife	<input type="checkbox"/>
Protecting Human Research Participants (Biomedical)	<input type="checkbox"/>

Submit

Available Courses

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<input type="checkbox"/> Animal Care and Use Courses	
<input type="checkbox"/> Human Research Protections	
<input type="checkbox"/> JAALAS CEU Test Library	
<input type="checkbox"/> School Resources Library	
<input type="checkbox"/> Transgenics Training Program	
<input type="checkbox"/> Loyola University Stritch School of Medicine	