

Research and Laboratory Safety Training Matrix

This matrix outlines the minimum training requirements for personnel, including undergraduate/graduate student's involved in research activities or working in a laboratory setting. Review all applicable sections to determine which training requirements apply to you.

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Lab Safety		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Do you work in a lab?																									
Responsible Conduct of Research (RCR)	Students and trainees supported with NSF funds?																							•		
	NIH awardee with designated award type † (see below)																									
Are you a USA faculty/staff/student researcher who																										
Use of Animal Subjects	is a PI or personnel listed on an Institutional Animal Care and Use (IACUC) protocol				•	•	•																			
	will work with rats																									
	will work with mice																•		•							
	will use a respirator														•											
	provides husbandry activities in the vivarium						•								•		•				•					
	provides husbandry activities in the ABSL-3						•	•							•	•	•				•					
Biological Agents	is a PI or personnel listed on an Institutional Biosafety Committee (IBC) protocol		•																							
	will package/ship biological material								•																	
	will use a respirator														•											
	work with select agents						•								•	•										
	work with viral vectors																								•	
	work involves Animal Biosafety																									•
Clinical Research	will conduct clinical research/trial										•		•													
	is a PI overseeing a clinical trial											•	۵													
	will collect/use/share Protected Health Information (PHI)											٥														

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Use of Human Subjects	will conduct social science,																									
	behavioral or educational research																									
	will collect/use/share PHI											•														
Export Controls	research involves export controlled data/materials/ software/equipment																					•				
Radiation Safety	will handle radioactive materials																									
	will work with lasers									•																
	will work with x-ray producing equipment																									
Financial Conflict of	use of <u>Public Health Service</u> (PHS)																									
Interest	funds to conduct research																									1
Research Administration	will submit research proposals to external agencies																									

Chemical Safety	See Safety & Environmental Compliance								
Responsible Conduct of	RCR must be applied in day-to-day research activities. RCR								
Research (RCR)	is an essential component of research training and should								
	be an integral part of all research training programs.								
	Research personnel should participate in RCR training								
	events.								

Key	Training	Frequency	Format	Contact**	Key	Training	Frequency	Format	Contact ⁺⁺
1	General Lab Safety	Every 3 yrs.	Online	SEC	14	Respiratory Protection Program	Annually	Class	SEC
2	Exposure Control Plan	Once	Paper	IBC	15	Select Agents	Annually	Class	Jon Rayner
3	Lab Clothing (use/wear PPE)	Once	Paper	SEC	16	Euthanex Training	Once	Class	Comparative Medicine
4	Working with the IACUC	Every 3 yrs.	Online	IACUC	17	Rat Biomethodology Training	Once	CD	IACUC
5	<u>Species-Specific</u>	Every 3 yrs.	Online	IACUC	18	Mouse Biomethodology Training	Once	CD	IACUC
6	OHP Enrollment	Every 3 yrs.*	N/A	IACUC	19	Cayuse Electronic Research	Once	Class	SPA
		<u> </u>	<u> </u>			Administration System			
7	<u>Biosafety</u>	Annually	Online	IBC	20	AALAS Learning Library		Online	Comparative Medicine
8	Shipping & Packaging Biological	Every 2 yrs.	Online	IBC	21	Export Controls	As needed/	Class &	Angela Williams
i	Material**	<u> </u> '	<u> </u>				Annual (TCP)	Online	
9	Radiation Safety	Once	Class	<u>David Wiik</u>	22	Conflict of Interest	Every 4 yrs.	Online	<u>Dusty Layton</u>
10	Human Subjects Protection	Once	Online	IRB	23	Responsible Conduct of Research	See RCR	Class &	Angela Williams
i		'			.		<u>Training</u>	Online	
							<u>Policy</u>		
11	HIPAA in Research	Once	Online	IRB	24	<u>Viral Vectors</u>	Once	Online	IBC
12	Good Clinical Practice (GCP)	Every 3 yrs.	Online	IRB	25	Animal Biosafety	Once	Online	IBC
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** Contacts

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IBC – Institutional Biosafety Committee
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Select Agents: Jon Rayner, jrayner@southalabama.edu

IRB – Institutional Review Board Caroline Gratton, <u>cgratton@southalabama.edu</u> 251-460-6308

Comparative Medicine

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SEC – Safety and Environmental Compliance Lisa Cobb, 251-460-6677 <u>lisacobb@southalabama.edu</u>