



CITI Courses 2019



Table of Contents

Human Subjects Research.....	1
Biomedical Research - Basic/Refresher - Basic Course:	1
Required Courses:.....	1
Human Subjects Research.....	2
Biomedical Research - Basic/Refresher - Basic Course:	2
Supplemental Courses:	2
Human Subjects Research.....	3
Social & Behavioral Research - Basic/Refresher - Basic Course:	3
Required Courses:.....	3
Human Subjects Research.....	4
Social & Behavioral Research - Basic/Refresher - Basic Course:	4
Supplemental Courses:	4
Human Subjects Research.....	5
IRB Members - Basic/Refresher - Basic Course:.....	5
Human Subjects Research.....	7
Genetics Only Research - Basic Course:.....	7
Minimal Risk for Nursing, Residents, & Students - Basic Course:	7
Unanticipated Problems and Reporting Requirements in Biomedical Research - Basic Course:	7
Health Information Privacy and Security (HIPS) 2	8
Required Courses:.....	8
Good Clinical Practice	8
Good Clinical Practice Course	8
Required Courses:.....	8
Responsible Conduct of Research	9
Faculty, Staff, Students - RCR:.....	9
(Biomedical, Social & Behavioral, Physical Science, Humanities, for Engineers, for Administration – RCR) 9	
Required Courses:.....	9
Responsible Conduct of Research	10
Faculty, Staff, Students - RCR:.....	10
(Biomedical, Social & Behavioral, Physical Science, Humanities, for Engineers, for Administration – RCR)	
.....	10
Supplemental Courses:	10



Biosafety/Biosecurity.....	11
Basic Introduction to Biosafety - Biosafety/Biosecurity:	11
Biosafety Officer Training - Basic/Initial - Basic Course:.....	11
Biosafety/Biosecurity.....	12
Initial Biosafety Training - Biosafety/Biosecurity:.....	12
Biosafety Retraining - Biosafety/Biosecurity:	12
Animal Biosafety - Biosafety/Biosecurity	12
Biosafety/Biosecurity.....	13
Shipping and Transport of Regulated Biological Materials - Biosafety/Biosecurity.....	13
OSHA Blood-borne Pathogens - Biosafety/Biosecurity	13
Select Agents, Biosecurity, and Bioterrorism - Biosafety/Biosecurity	13
Emergency and Incident Response to Biohazard Spills and Releases - Biosafety/Biosecurity	13
NIH Recombinant DNA Guidelines - Biosafety/Biosecurity	13
Biosafety/Biosecurity.....	14
Personal Protective Equipment - Basic Course.....	14
Human Gene Transfer - Biosafety/Biosecurity	14
Nanotechnology - Basic Course	14
Institutional Biosafety Committee Member Training -Biosafety/Biosecurity	14
Dual Use Research of Concern (DURC) - Biosafety/Biosecurity	14
USDA Permits - Basic.....	14
Conflicts of Interest.....	15
Conflicts of Interest - Stage 1:	15
Conflicts of Interest – Refresher:	15
Good Laboratory Practice.....	15
Good Laboratory Practice (GLP) – GLP:	15
Laboratory Animal Research	16
Working with the IACUC - Researchers - Basic Course:.....	16
Laboratory Animal Research	17
Working with the IACUC - Animal Technicians - Basic Course:.....	17
Laboratory Animal Research	17
Working with the IACUC - Other Staff - Basic Course:	17
Laboratory Animal Research	18
Working with the IACUC - IACUC Members and IACUC Staff - Basic Course:.....	18
Laboratory Animal Research	19
Working with the IACUC - IACUC Community Members - Basic Course:.....	19



Laboratory Animal Research	20
Working with the IACUC - Students Working with Animals - Basic Course:.....	20
Reducing Pain and Distress in Laboratory Mice and Rats - Lab Animal Research:	20
Laboratory Animal Research	21
Working with Animals in Research Settings - Lab Animal Research:	21
Working with Swine in Research Settings - Lab Animal Research: ELECTIVE MODULES	21
Working with Mice in Research - Lab Animal Research: ELECTIVE MODULES	21
Working with Rats in Research Settings - Lab Animal Research: ELECTIVE MODULES	21
Working With Guinea Pigs in Research Settings - Lab Animal Research: ELECTIVE MODULES	21
Working with Rabbits in Research Settings - Lab Animal Research: ELECTIVE MODULES	21
Working with Non-Human Primates in Research Settings - Lab Animal Research: ELECTIVE MODULES	21
Wildlife Research - Lab Animal Research: ELECTIVE MODULES	21
Institutional/Signatory Official	22
Institutional/Signatory Official: Human Subject Research - Basic Course:	22
Institutional Official: Animal Care and Use - Animal Care and Use:	22

Human Subjects Research

Biomedical Research - Basic/Refresher - Basic Course:

Required Courses:

AHU	
1. Cultural Competence in Research (ID: 15166)	
AHU & ADVENTHEALTH	
1. Belmont Report and Its principles (ID: 1127) 2. History and Ethics of Human Subjects Research (ID: 498) 3. Informed Consent (ID: 3) 4. Social and Behavioral Research (SBR) for Biomedical Researchers (ID: 4) 5. Records-Based Research (ID: 5) 6. Populations in Research Requiring Additional Considerations and/or Protections (ID: 16680)	
	ADVENTHEALTH
	1. Basic Institutional Review Board (IRB) Regulations and Review Process (ID: 2) 2. Genetic Research in Human Populations (ID: 6) 3. Vulnerable Subjects - Research Involving Prisoners (ID: 8) 4. Vulnerable Subjects - Research Involving Children (ID: 9) 5. Vulnerable Subjects - Research Involving Pregnant Women, Human Fetuses, and Neonates (ID: 10) 6. FDA-Regulated Research (ID: 12) 7. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483) 8. Humanitarian Use Devices (HUDs) (ID: 16306) 9. Avoiding Group Harms - U.S. Research Perspectives (ID: 14080) 10. International Studies (ID: 971) 11. Research and HIPAA Privacy Protections (ID: 14) 12. Conflicts of Interest in Human Subjects Research (ID: 17464) 13. AdventHealth (ID: 12853)

Human Subjects Research

Biomedical Research - Basic/Refresher - Basic Course:

Supplemental Courses:

AHU	
<ol style="list-style-type: none"> 1. Basic Institutional Review Board (IRB) Regulations and Review Process (ID: 2) 2. Genetic Research in Human Populations (ID: 6) 3. Vulnerable Subjects - Research Involving Prisoners (ID: 8) 4. Vulnerable Subjects - Research Involving Children (ID: 9) 5. Vulnerable Subjects - Research Involving Pregnant Women, Human Fetuses, and Neonates (ID: 10) 6. FDA-Regulated Research (ID: 12) 7. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483) 	
AHU & ADVENTHEALTH	
	ADVENTHEALTH
	<ol style="list-style-type: none"> 1. External IRB Review (ID: 16711) 2. Phase I Research: Understanding Phase I Research (ID: 16873) 3. Phase I Research: Protecting Phase I Subjects (ID: 16874) 4. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342)

Human Subjects Research

Social & Behavioral Research - Basic/Refresher - Basic Course:

Required Courses:

AHU	
AHU & ADVENTHEALTH	
<ol style="list-style-type: none"> 1. Belmont Report and Its Principles (ID: 1127) 2. History and Ethical Principles - SBE (ID: 490) 3. Defining Research with Human Subjects - SBE (ID: 491) 4. The Federal Regulations - SBE (ID: 502) 5. Assessing Risk - SBE (ID: 503) 6. Informed Consent - SBE (ID: 504) 7. Privacy and Confidentiality - SBE (ID: 505) 8. Students in Research (ID: 1321) 9. Internet-Based Research - SBE (ID: 510) 10. Unanticipated Problems and Reporting Requirements in Social and Behavioral Research (ID: 14928) 	
	ADVENTHEALTH
	<ol style="list-style-type: none"> 1. Humanitarian Use Devices (HUDs) (ID: 16306) 2. Research and HIPAA Privacy Protections (ID: 14) 3. Conflicts of Interest in Research Involving Human Subjects (ID: 488) 4. AdventHealth (ID: 12853) 5. Research with Prisoners - SBE (ID: 506) 6. Research with Children - SBE (ID: 507) 7. Research in Public Elementary and Secondary Schools - SBE (ID: 508) 8. International Research - SBE (ID: 509) 9. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483)

Human Subjects Research

Social & Behavioral Research - Basic/Refresher - Basic Course:

Supplemental / Optional Modules:

AHU		
<ol style="list-style-type: none"> 1. Research with Prisoners - SBE (ID: 506) 2. Research with Children - SBE (ID: 507) 3. Research in Public Elementary and Secondary Schools - SBE (ID: 508) 4. International Research - SBE (ID: 509) 5. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483) 		
AHU & ADVENTHEALTH		
<table border="1" style="width: 100%;"> <thead> <tr> <th data-bbox="816 911 1481 968" style="background-color: #FF8C00;">ADVENTHEALTH</th> </tr> </thead> <tbody> <tr> <td data-bbox="816 968 1481 1354"> <ol style="list-style-type: none"> 1. External IRB Review (ID: 16711) 2. Phase I Research: Understanding Phase I Research (ID: 16873) 3. Phase I Research: Protecting Phase I Subjects (ID: 16874) 4. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342) 5. The IRB Administrator's Responsibilities (ID: 13813) </td> </tr> </tbody> </table>	ADVENTHEALTH	<ol style="list-style-type: none"> 1. External IRB Review (ID: 16711) 2. Phase I Research: Understanding Phase I Research (ID: 16873) 3. Phase I Research: Protecting Phase I Subjects (ID: 16874) 4. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342) 5. The IRB Administrator's Responsibilities (ID: 13813)
ADVENTHEALTH		
<ol style="list-style-type: none"> 1. External IRB Review (ID: 16711) 2. Phase I Research: Understanding Phase I Research (ID: 16873) 3. Phase I Research: Protecting Phase I Subjects (ID: 16874) 4. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342) 5. The IRB Administrator's Responsibilities (ID: 13813) 		

Human Subjects Research IRB Members - Basic/Refresher - Basic Course:

AHU

1. Recognizing and Reporting Unanticipated Problems Involving Risks to Subjects or Others in Biomedical Research (ID: 14777)
2. I have agreed to be an IRB Community Member. Now What? (ID: 13018)
3. Avoiding Group Harms - U.S. Research Perspectives (ID: 14080)
4. Unanticipated Problems and Reporting Requirements in Social and Behavioral Research (ID: 14928)
5. Avoiding Group Harms - International Research Perspectives (ID: 14081)
6. Cultural Competence in Research (ID: 15166)

AHU & ADVENTHEALTH

1. Belmont Report and CITI Course Introduction (ID: 1127)
2. History and Ethical Principles - SBE (ID: 490)
3. History and Ethics of Human Subjects Research (ID: 498)
4. Defining Research with Human Subjects - SBE (ID: 491)
5. The Federal Regulations - SBE (ID: 502)
6. Basic Institutional Review Board (IRB) Regulations and Review Process (ID: 2)
7. Assessing Risk - SBE (ID: 503)
8. Informed Consent - SBE (ID: 504)
9. Informed Consent (ID: 3)
10. Privacy and Confidentiality - SBE (ID: 505)
11. Social and Behavioral Research (SBR) for Biomedical Researchers (ID: 4)
12. Records-Based Research (ID: 5)
13. Genetic Research in Human Populations (ID: 6)
14. Populations in Research Requiring Additional Considerations and/or Protections (ID: 16680)
15. Research with Prisoners - SBE (ID: 506)
16. Research Involving Prisoners (ID: 8)
17. Research with Children - SBE (ID: 507)
18. Research Involving Children (ID: 9)
19. Research in Public Elementary and Secondary Schools - SBE (ID: 508)
20. Research Involving Pregnant Women, Human Fetuses, and Neonates (ID: 10)
21. International Research - SBE (ID: 509)
22. International Studies (ID: 971)
23. Students in Research (ID: 1321)
24. Internet-Based Research - SBE (ID: 510)
25. FDA-Regulated Research (ID: 12)
26. Research and HIPAA Privacy Protections (ID: 14)
27. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483)
28. Hot Topics (ID: 487)
29. Recognizing and Reporting Unanticipated Problems Involving Risks to Subjects or Others in Biomedical Research (ID: 14777)
30. Conflicts of Interest in Human Subjects Research (ID: 17464)
31. The IRB Member Module - 'What Every New IRB Member Needs to Know' (ID: 816)
32. I Have Agreed to be an IRB Community Member. Now What? (ID: 13018)
33. Avoiding Group Harms - U.S. Research Perspectives (ID: 14080)
34. Unanticipated Problems and Reporting Requirements in Social and Behavioral Research (ID: 14928)
35. Cultural Competence in Research (ID: 15166)

ADVENTHEALTH

1. Humanitarian Use Devices (HUDs) (ID: 16306)
2. AdventHealth (ID: 12853)
3. Phase I Research: Understanding Phase I Research (ID: 16873)
4. Phase I Research: Protecting Phase I Subjects (ID: 16874)
5. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342)



Human Subjects Research Genetics Only Research - Basic Course:

ADVENTHEALTH

Required Modules:

1. Humanitarian Use Devices (HUDs) (ID: 16306)
2. Populations in Research Requiring Additional Considerations and/or Protections (ID: 16680)
3. Belmont Report and CITI Course Introduction (ID: 1127)
4. History and Ethics of Human Subjects Research (ID: 498)
5. Basic Institutional Review Board (IRB) Regulations and Review Process (ID: 2)
6. Records-Based Research (ID: 5)
7. Genetic Research in Human Populations (ID: 6)
8. Research and HIPAA Privacy Protections (ID: 14)
9. Conflicts of Interest in Research Involving Human Subjects (ID: 488)
10. AdventHealth (ID: 12853)

Supplemental Modules:

1. External IRB Review (ID: 16711)
2. Phase I Research: Understanding Phase I Research (ID: 16873)
3. Phase I Research: Protecting Phase I Subjects (ID: 16874)
4. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342)

Minimal Risk for Nursing, Residents, & Students - Basic Course:

ADVENTHEALTH

Required Modules:

1. Populations in Research Requiring Additional Considerations and/or Protections (ID: 16680)
2. Belmont Report and CITI Course Introduction (ID: 1127)
3. History and Ethical Principles - SBE (ID: 490)
4. Defining Research with Human Subjects - SBE (ID: 491)
5. The Federal Regulations - SBE (ID: 502)
6. Basic Institutional Review Board (IRB) Regulations and Review Process (ID: 2)
7. Informed Consent (ID: 3)
8. Social and Behavioral Research (SBR) for Biomedical Researchers (ID: 4)
9. Records-Based Research (ID: 5)
10. Vulnerable Subjects - Research Involving Children (ID: 9)
11. Vulnerable Subjects - Research Involving Pregnant Women, Human Fetuses, and Neonates (ID: 10)
12. FDA-Regulated Research (ID: 12)
13. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483)
14. AdventHealth (ID: 12853)
15. Conflicts of Interest in Human Subjects Research (ID: 17464)

Supplemental Modules:

1. Humanitarian Use Devices (HUDs) (ID: 16306)
2. External IRB Review (ID: 16711)
3. Phase I Research: Understanding Phase I Research (ID: 16873)
4. Phase I Research: Protecting Phase I Subjects (ID: 16874)
5. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342)

Unanticipated Problems and Reporting Requirements in Biomedical Research - Basic Course:

ADVENTHEALTH

Supplemental Modules:

1. Recognizing and Reporting Unanticipated Problems Involving Risks to Subjects or Others in Biomedical Research (ID: 14777)

Health Information Privacy and Security (HIPS) 2

Required Courses:

AHU for clinical investigator	
1. Health Privacy Issues for Researchers (ID: 1419)	
AHU & ADVENTHEALTH	
1. Basics of Health Privacy (ID: 1417) 2. Basics of Information Security, Part 1 (ID: 1423) 3. Basics of Information Security, Part 2 (ID: 1424)	
	ADVENTHEALTH
	1. Health Privacy Issues for Clinicians (ID: 1418)

Good Clinical Practice Good Clinical Practice Course

Required Courses:

AHU	
AHU & ADVENTHEALTH	
1. The CITI Good Clinical Practice Course for Clinical Trials Involving Drugs and Devices (ID: 1350) 2. Overview of New Drug Development (ID: 1351) 3. Overview of ICH GCP (ID: 1352) 4. ICH - Comparison Between ICH GCP E6 and U.S. FDA Regulations (ID: 1354) 5. Conducting Investigator-Initiated Studies According to FDA Regulations and GCP (ID: 1355) 6. Investigator Obligations in FDA-Regulated Research (ID: 1356) 7. Managing Investigational Agents According to GCP Requirements (ID: 1357) 8. Overview of U.S. FDA Regulations for Medical Devices (ID: 1358) 9. Informed Consent in Clinical Trials of Drugs, Biologics, and Devices (ID: 1359) 10. Detecting and Evaluating Adverse Events (ID: 1360) 11. Reporting Serious Adverse Events (ID: 1361) 12. Audits and Inspections of Clinical Trials (ID: 1363) 13. Monitoring of Clinical Trials by Industry Sponsors (ID: 1362) 14. Completing the CITI GCP Course (ID: 1364)	
	ADVENTHEALTH

Responsible Conduct of Research

Faculty, Staff, Students, IRB - RCR:

(Biomedical, Social & Behavioral, Physical Science, Humanities, for Engineers, for Administration - RCR)

Required Courses:

AHU	
1. Introduction to RCR (RCR-Basic) (ID: 17009)	
AHU & ADVENTHEALTH	
1. Authorship (RCR-Basic) (ID: 16597) 2. Collaborative Research (RCR-Basic) (ID: 16598) 3. Conflicts of Interest (RCR-Basic) (ID: 16599) 4. Data Management (RCR-Basic) (ID: 16600) 5. Mentoring (RCR-Basic) (ID: 16602) 6. Peer Review (RCR-Basic) (ID: 16603) 7. Research Misconduct (RCR-Basic) (ID: 16604) 8. Research Involving Human Subjects (RCR-Basic) (ID: 13566) 9. (ONLY IRB) Using Animal Subjects in Research (RCR-Basic) (ID: 13301)	
ADVENTHEALTH	
1. Using Animal Subjects in Research (RCR-Basic) (ID: 13301) 2. Belmont Report and CITI Course Introduction (ID: 1127) 3. Students in Research (ID: 1321) 4. History and Ethical Principles - SBE (ID: 490) 5. Defining Research with Human Subjects - SBE (ID: 491) 6. The Federal Regulations - SBE (ID: 502) 7. Assessing Risk - SBE (ID: 503) 8. Informed Consent - SBE (ID: 504) 9. Privacy and Confidentiality - SBE (ID: 505) 10. Research with Prisoners - SBE (ID: 506) 11. Research with Children - SBE (ID: 507) 12. Research in Public Elementary and Secondary Schools - SBE (ID: 508) 13. International Research - SBE (ID: 509) 14. Internet-Based Research - SBE (ID: 510) 15. Research and HIPAA Privacy Protections (ID: 14) 16. Vulnerable Subjects - Research Involving Workers/Employees (ID: 483) 17. Conflicts of Interest in Research Involving Human Subjects (ID: 488) 18. Unanticipated Problems and Reporting Requirements in Social and Behavioral Research (ID: 14928)	

Responsible Conduct of Research

Faculty, Staff, Students - RCR:

(Biomedical, Social & Behavioral, Physical Science, Humanities, for Engineers,
for Administration - RCR)

Supplemental Courses:

AHU	
	AHU & ADVENTHEALTH
	ADVENTHEALTH
	<ol style="list-style-type: none"> 1. Phase I Research: Understanding Phase I Research (ID: 16873) 2. Phase I Research: Protecting Phase I Subjects (ID: 16874) 3. Informed Consent and Incidental Findings in Research with Human Subjects (ID: 17342) 4. The IRB Administrator's Responsibilities (ID: 13813) 5. Environmental and Social Dimensions of Engineering Research (RCR) (ID: 12835) 6. Financial Responsibility (RCR-Basic) (ID: 16601) 7. Plagiarism (RCR-Basic) (ID: 15156) 8. Research, Ethics, and Society (RCR) (ID: 15198) 9. Export Controls and National Security (RCR) (ID: 14770)

Biosafety/Biosecurity

Basic Introduction to Biosafety - Biosafety/Biosecurity:

AHU

Required Modules:

1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)
2. Biosafety Course Overview (ID: 13314)
3. Risk Management: Work Practices (ID: 13898)

Biosafety Officer Training - Basic/Initial - Basic Course:

AHU

Required Modules:

1. Biosafety Course Overview (ID: 13314)
2. Laboratory-Acquired Infections (ID: 13454)
3. Biohazard Risk Assessment (ID: 13455)
4. Medical Surveillance (ID: 13456)
5. Risk Management: Personal Protective Equipment (ID: 13458)
6. Risk Management: Emergency and Spill Response (ID: 13459)
7. Shipping Regulated Biological Materials: Overview (ID: 13486)
8. Shipping Regulated Biological Materials: Classifications (ID: 13487)
9. Shipping Regulated Biological Materials: Packaging Requirements (ID: 13488)
10. NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules (ID: 13493)
11. Human Gene Transfer Research (ID: 13494)
12. Engineering Controls and Containment Devices (ID: 13497)
13. Bioterrorism (ID: 13524)
14. Animal Biosafety (ID: 13654)
15. Shipping Regulated Biological Materials: Shipping Papers (ID: 13655)
16. Shipping Regulated Biological Materials: Permits for Restricted Shipments and Transfers (ID: 13656)
17. Shipping Regulated Biological Materials: Security Awareness (ID: 13657)
18. Shipping Regulated Biological Materials: Emergency Response Information (ID: 13658)
19. Shipping Regulated Biological Materials: Refrigerants (ID: 13659)
20. Shipping Regulated Biological Materials: Appendix (ID: 13660)
21. Biosecurity (ID: 13857)
22. Risk Management: Work Practices (ID: 13898)
23. Work Safely with Sharp Instruments (ID: 13899)
24. Disinfection and Sterilization (ID: 13900)
25. OSHA Blood-borne Pathogens Standard (ID: 13902)
26. Hepatitis B Virus (HBV) Vaccination (ID: 13903)
27. Labels and Engineering Controls (ID: 13904)
28. Universal Precautions and Work Practices (ID: 13913)
29. Emergency Response Procedures (ID: 13914)
30. Risk Management: Engineering Controls (ID: 13929)
31. Centrifuge Precautions (ID: 13945)
32. Safe Sharps Devices (ID: 13946)
33. Select Agents (ID: 13951)
34. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)
35. Understanding Nanotechnology and Its Implications (ID: 14044)
36. Dual Use Research of Concern (DURC) (ID: 16263)

Biosafety/Biosecurity

Initial Biosafety Training - Biosafety/Biosecurity:

AHU

Required Modules:

1. Biosafety Course Overview (ID: 13314)
2. Laboratory-Acquired Infections (ID: 13454)
3. Biohazard Risk Assessment (ID: 13455)
4. Medical Surveillance (ID: 13456)
5. Risk Management: Work Practices (ID: 13898)
6. Work Safely with Sharp Instruments (ID: 13899)
7. Disinfection and Sterilization (ID: 13900)
8. Risk Management: Personal Protective Equipment (ID: 13458)
9. Risk Management: Emergency and Spill Response (ID: 13459)
10. Risk Management: Engineering Controls (ID: 13929)
11. Centrifuge Precautions (ID: 13945)
12. Safe Sharps Devices (ID: 13946)
13. Engineering Controls and Containment Devices (ID: 13497)
14. Risk Management: Laboratory Design (ID: 13484)

Supplemental Modules:

1. Dual Use Research of Concern (DURC) (ID: 16263)
2. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

Biosafety Retraining - Biosafety/Biosecurity:

AHU

Required Modules:

1. Risk Management: Work Practices (ID: 13898)
2. Work Safely with Sharp Instruments (ID: 13899)
3. Disinfection and Sterilization (ID: 13900)
4. Risk Management: Personal Protective Equipment (ID: 13458)
5. Risk Management: Emergency and Spill Response (ID: 13459)
6. Risk Management: Engineering Controls (ID: 13929)
7. Centrifuge Precautions (ID: 13945)
8. Safe Sharps Devices (ID: 13946)
9. Engineering Controls and Containment Devices (ID: 13497)
10. Risk Management: Laboratory Design (ID: 13484)

Supplemental Modules:

1. Dual Use Research of Concern (DURC) (ID: 16263)
2. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

Animal Biosafety - Biosafety/Biosecurity

AHU

Required Modules:

1. Animal Biosafety (ID: 13654)

Supplemental Modules:

1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

Biosafety/Biosecurity

Shipping and Transport of Regulated Biological Materials - Biosafety/Biosecurity

AHU

Required Modules:

1. Shipping Regulated Biological Materials: Overview (ID: 13486)
2. Shipping Regulated Biological Materials: Classifications (ID: 13487)
3. Shipping Regulated Biological Materials: Packaging Requirements (ID: 13488)
4. Shipping Regulated Biological Materials: Shipping Papers (ID: 13655)
5. Shipping Regulated Biological Materials: Permits for Restricted Shipments and Transfers (ID: 13656)
6. Shipping Regulated Biological Materials: Security Awareness (ID: 13657)
7. Shipping Regulated Biological Materials: Emergency Response Information (ID: 13658)
8. Shipping Regulated Biological Materials: Refrigerants (ID: 13659)
9. Shipping Regulated Biological Materials: Appendix (ID: 13660)

OSHA Blood-borne Pathogens - Biosafety/Biosecurity

AHU

Required Modules:

1. OSHA Blood-borne Pathogens Standard (ID: 13902)
2. Hepatitis B Virus (HBV) Vaccination (ID: 13903)
3. Labels and Engineering Controls (ID: 13904)
4. Universal Precautions and Work Practices (ID: 13913)
5. Emergency Response Procedures (ID: 13914)

Select Agents, Biosecurity, and Bioterrorism - Biosafety/Biosecurity

AHU

Required Modules:

1. Biosecurity (ID: 13857)
2. Select Agents (ID: 13951)
3. Bioterrorism (ID: 13524)

Emergency and Incident Response to Biohazard Spills and Releases - Biosafety/Biosecurity

AHU

Required Modules:

1. Risk Management: Emergency and Spill Response (ID: 13459)

Supplemental Modules:

1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

NIH Recombinant DNA Guidelines - Biosafety/Biosecurity

AHU

Required Modules:

1. NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules (ID: 13493)

Supplemental Modules:

1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)
2. Dual Use Research of Concern (DURC) (ID: 16263)

Biosafety/Biosecurity
Personal Protective Equipment - Basic Course

AHU

Required Modules: 1. Risk Management: Personal Protective Equipment (ID: 13458)

Supplemental Modules: 1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

Human Gene Transfer - Biosafety/Biosecurity

AHU

Required Modules: 1. Human Gene Transfer Research (ID: 13494)

Supplemental Modules: 1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

Nanotechnology - Basic Course

AHU

Required Modules: 1. Understanding Nanotechnology and Its Implications (ID: 14044)

Institutional Biosafety Committee Member Training -Biosafety/Biosecurity

AHU

Required Modules:

1. Dual Use Research of Concern (DURC) (ID: 16263)
2. Biosafety Course Overview (ID: 13314)
3. Laboratory-Acquired Infections (ID: 13454)
4. Biohazard Risk Assessment (ID: 13455)
5. Medical Surveillance (ID: 13456)
6. NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules (ID: 13493)
7. Human Gene Transfer Research (ID: 13494)

Supplemental Modules:

1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

Dual Use Research of Concern (DURC) - Biosafety/Biosecurity

AHU

Required Modules:

1. Dual Use Research of Concern (DURC) (ID: 16263)

Supplemental Modules:

1. Biosafety and Biosecurity (BSS) Introduction (ID: 13987)

USDA Permits - Basic

AHU

Required Modules:

1. USDA Permits: Plant Pest (ID: 17256)
2. USDA Permits: Soils (ID: 17257)
3. USDA Permits: Veterinary Services (VS) (ID: 17258)

Conflicts of Interest

Conflicts of Interest - Stage 1:

ADVENTHEALTH

Required Modules:

1. Financial Conflicts of Interest: Overview, Investigator Responsibilities, and COI Rules (COI-Basic) (ID: 15070)
2. Institutional Responsibilities as They Affect Investigators (COI-Basic) (ID: 15072)

Supplemental Modules:

1. Conflicts of Commitment and Conscience (COI-Basic) (ID: 15073)
2. Institutional Conflicts of Interest (COI-Basic) (ID: 16765)

Conflicts of Interest – Refresher:

ADVENTHEALTH

Required Modules:

1. Conflicts of Interest and the PHS Regulations (COI-Refresher) (ID: 16950)
2. Significant Financial Interests (COI-Refresher) (ID: 16951)
3. Institutional Obligations As They Affect Investigators (COI-Refresher) (ID: 16952)
4. COI Management Plans and Noncompliance (COI-Refresher) (ID: 16953)
5. Organization-Specific Policies refresher (ID: 17015)

Good Laboratory Practice

Good Laboratory Practice (GLP) – GLP:

ADVENTHEALTH

Required Modules:

1. CITI GLP Course: Overview (ID: 16778)
2. History of the Good Laboratory Practices: A Breach of Trust (ID: 16696)
3. Here & There: U.S. and Global Regulatory Agencies (ID: 16697)
4. Let's Be Clear: Words Matter in GLP (ID: 16698)
5. Components of Compliance (ID: 16701)
6. GLP Requirements of Personnel (ID: 16699)
7. The Responsible Use of Laboratory Animals (LA) – Part 1 (ID: 16703)
8. The Responsible Use of Laboratory Animals (LA) – Part 2 (ID: 16704)
9. Standard Operating Procedures (SOPs) and Equipment Operation (ID: 16702)
10. Understanding Raw Data and Reconstruction (ID: 16700)
11. Required Reading: Study Protocols (ID: 16705)
12. Archiving Study Data and Specimens (ID: 16708)
13. The Quality Assurance Unit (QAU) (ID: 16707)
14. Chemicals, Test Articles and Solutions (ID: 16706)
15. Reporting of Study Results and Regulatory Decisions on Study Disqualification (ID: 16709)

Laboratory Animal Research
Working with the IACUC - Researchers - Basic Course:

ADVENTHEALTH

Required Modules:

1. Working with the IACUC: Introduction (ID: 17660)
2. About the IACUC (ID: 17661)
3. Federal Laws, Policies, and Guidelines (ID: 17662)
4. Planning Research and Completing the Protocol Form (ID: 17663)
5. Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)
6. Personnel and Their Welfare (ID: 17665)
7. Making Changes to an Approved Animal Use Protocol (ID: 17667)
8. Reporting Animal Use Concerns (ID: 17668)

Supplemental Modules:

1. Special Animal Welfare Considerations (ID: 17666)
2. Aseptic Surgery (ID: 12840)
3. Antibody Production in Animals (ID: 13325)

Laboratory Animal Research

Working with the IACUC - Animal Technicians - Basic Course:

ADVENTHEALTH

Required Modules:

1. Working with the IACUC: Introduction (ID: 17660)
2. About the IACUC (ID: 17661)
3. Federal Laws, Policies, and Guidelines (ID: 17662)
4. Planning Research and Completing the Protocol Form (ID: 17663)
5. Special Animal Welfare Considerations (ID: 17666)
6. Reporting Animal Use Concerns (ID: 17668)

Elective Modules:

1. Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)
2. Personnel and Their Welfare (ID: 17665)
3. Making Changes to an Approved Animal Use Protocol (ID: 17667)
4. Aseptic Surgery (ID: 12840)
5. Antibody Production in Animals (ID: 13325)

Supplemental Modules:

Laboratory Animal Research

Working with the IACUC - Other Staff - Basic Course:

ADVENTHEALTH

Elective Modules:

1. Working with the IACUC: Introduction (ID: 17660)
2. About the IACUC (ID: 17661)
3. Federal Laws, Policies, and Guidelines (ID: 17662)
4. Planning Research and Completing the Protocol Form (ID: 17663)
5. Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)
6. Personnel and Their Welfare (ID: 17665)
7. Special Animal Welfare Considerations (ID: 17666)
8. Making Changes to an Approved Animal Use Protocol (ID: 17667)
9. Reporting Animal Use Concerns (ID: 17668)
10. Aseptic Surgery (ID: 12840)
11. Antibody Production in Animals (ID: 13325)

Laboratory Animal Research

Working with the IACUC - IACUC Members and IACUC Staff - Basic Course:

ADVENTHEALTH

Required Modules:

1. Working with the IACUC: Introduction (ID: 17660)
2. About the IACUC (ID: 17661)
3. Federal Laws, Policies, and Guidelines (ID: 17662)
4. Planning Research and Completing the Protocol Form (ID: 17663)
5. Personnel and Their Welfare (ID: 17665)
6. Making Changes to an Approved Animal Use Protocol (ID: 17667)

Elective Modules:

1. Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)
2. Special Animal Welfare Considerations (ID: 17666)
3. Reporting Animal Use Concerns (ID: 17668)
4. Aseptic Surgery (ID: 12840)
5. Antibody Production in Animals (ID: 13325)

Laboratory Animal Research

Working with the IACUC - IACUC Community Members - Basic Course:

ADVENTHEALTH

Required Modules:

1. Working with the IACUC: Introduction (ID: 17660)
2. About the IACUC (ID: 17661)
3. Federal Laws, Policies, and Guidelines (ID: 17662)
4. Planning Research and Completing the Protocol Form (ID: 17663)
5. Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)
6. Personnel and Their Welfare (ID: 17665)
7. Making Changes to an Approved Animal Use Protocol (ID: 17667)

Elective Modules:

1. Special Animal Welfare Considerations (ID: 17666)
2. Reporting Animal Use Concerns (ID: 17668)

Supplemental Modules:

1. Aseptic Surgery (ID: 12840)
2. Antibody Production in Animals (ID: 13325)

Laboratory Animal Research

Working with the IACUC - Students Working with Animals - Basic Course:

ADVENTHEALTH

Required Modules:

1. Working with the IACUC: Introduction (ID: 17660)
2. About the IACUC (ID: 17661)
3. Federal Laws, Policies, and Guidelines (ID: 17662)

Elective Modules:

1. Planning Research and Completing the Protocol Form (ID: 17663)
2. Procedures: Surgery, Antibody Production, and Blood Collection (ID: 17664)
3. Personnel and Their Welfare (ID: 17665)
4. Special Animal Welfare Considerations (ID: 17666)
5. Making Changes to an Approved Animal Use Protocol (ID: 17667)
6. Reporting Animal Use Concerns (ID: 17668)
7. Aseptic Surgery (ID: 12840)
8. Antibody Production in Animals (ID: 13325)

Reducing Pain and Distress in Laboratory Mice and Rats - Lab Animal Research:

ADVENTHEALTH

Elective Modules:

1. Introduction to Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress (ID: 1868)
2. Investigator Responsibility (ID: 1869)
3. Minimizing Sources of Nonexperimental Variation (ID: 1870)
4. Systematically Monitoring for Pain and Distress (ID: 1871)
5. Detecting Clinical Signs of Pain and Distress (ID: 1872)
6. Appearance and Behavior (ID: 1873)
7. Physical Exam for Clinical Condition (ID: 1874)
8. Body Weight (ID: 1875)
9. Fluid and Electrolyte Balance (ID: 1876)
10. Body Temperature (ID: 1877)
11. Tumors (ID: 1878)
12. Alleviation of Pain and Distress (ID: 1879)
13. Documentation of Post-Procedure Care (ID: 1880)
14. Summary (ID: 1881)

Laboratory Animal Research

Working with Animals in Research Settings - Lab Animal Research:

ADVENTHEALTH

Working with Swine in Research Settings - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Working with Swine in Research Settings (ID: 2016)
2. Research Mandates and Occupational Health Issues (ID: 2017)
3. Alternatives Search, Humane Standards, Housing, Source, and Acclimation and Quarantine (ID: 2019)
4. Pain and Distress (ID: 2024)
5. Injections, Blood Collection, and Pain Relief (ID: 2026)
6. Surgery, Supportive Care and Monitoring, Euthanasia, and References (ID: 2028)

Working with Mice in Research - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Working with Mice in Research Settings (ID: 1933)
2. Research Mandates and Occupational Health Issues (ID: 1934)
3. Alternatives Search, Humane Standards, Housing, Source, and Acclimation and Quarantine (ID: 1936)
4. Detecting Pain and Distress, Genetics, and Biological Features (ID: 1940)
5. Injections, Blood Collection, and Antibody Production (ID: 1943)
6. Surgery, Supportive Care and Monitoring, Euthanasia, and References (ID: 1946)

Working with Rats in Research Settings - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Working with Rats in Research Settings (ID: 1916)
2. Research Mandates and Occupational Health Issues (ID: 1917)
3. Alternatives Searches, Humane Standards, Housing, and Acclimation and Quarantine (ID: 1919)
4. Detecting Pain and Distress, Genetics, and Biological Features (ID: 1923)
5. Injections, Blood Collection, Antibody Production, and Pain Relief (ID: 1926)
6. Surgery, Supportive Care and Monitoring, Euthanasia, and References (ID: 1929)

Working With Guinea Pigs in Research Settings - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Working with Guinea Pigs in Research Settings (ID: 1951)
2. Taxonomy, Research Mandates, and Occupational Health Issues (ID: 1952)
3. Alternatives Search, Humane Standards, Acclimation and Quarantine, Housing, and Detection of Pain and Distress (ID: 1954)
4. Genetics, Biology, Injections and Blood Collection, Antibody Production, and Pain Relief (ID: 1959)
5. Surgery, Supportive Care and Monitoring, Euthanasia, and References (ID: 1964)

Working with Rabbits in Research Settings - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Working with Rabbits in Research Settings (ID: 1968)
2. Research Mandates and Occupational Health Issues (ID: 1969)
3. Alternatives Searches, Humane Standards, Housing, and Acclimation and Quarantine (ID: 1971)
4. Detecting Pain and Distress, Genetics, and Biological Features (ID: 1975)
5. Injections, Blood Collection, Antibody Production, and Pain Relief (ID: 1977)
6. Surgery, Supportive Care and Monitoring, Euthanasia, and References (ID: 1980)

Working with Non-Human Primates in Research Settings - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Working With Non-Human Primates in Research Settings (ID: 2032)
2. Research Mandates and Occupational Health Issues (ID: 2033)
3. Alternatives Search, Humane Standards, Housing, Source, and Acclimation and Quarantine (ID: 2035)
4. Detecting Pain and Distress, and Biological Features (ID: 2040)
5. Injections, Blood Collection, and Pain Relief (ID: 2042)
6. Surgery, Supportive Care and Monitoring, Euthanasia, and References (ID: 2044)

Wildlife Research - Lab Animal Research: ELECTIVE MODULES

1. Introduction to Wildlife Research Course (ID: 16308)
2. Oversight, Compliance, and Training (ID: 16309)
3. Permits, Pain and Distress Categories, Transportation, and Housing (ID: 16310)
4. Conducting Field Research and Teaching Studies (ID: 16311)
5. Research Procedures, Recognizing and Managing Pain, and Release (ID: 16312)

Institutional/Signatory Official

Institutional/Signatory Official: Human Subject Research - Basic Course:

ADVENTHEALTH

Required Modules:

1. Introduction to Being an Institutional Official (IO) (ID: 16640)
2. IO Knowledge Requirements: Human Subject Protections (ID: 16641)
3. Expectations of the IO (ID: 16642)
4. Challenges of Being an IO: Human Subject Protections (ID: 16643)

Institutional Official: Animal Care and Use - Animal Care and Use:

ADVENTHEALTH

Required Modules:

1. Introduction to the Challenges of Being an IO: Animal Care and Use Program (ID: 16644)
2. What the IO is Required to Know (ID: 16645)
3. IO Responsibilities (ID: 16646)
4. What works: A word from Experienced IOs (ID: 16647)