

CITI Program

Human Subjects Research Training

Module Catalog & Learning Pathways

A Resource Guide for Syracuse University Researchers

About This Resource

The Collaborative Institutional Training Initiative (CITI Program) offers a comprehensive library of online training modules for researchers working with human subjects. Syracuse University researchers can access these modules through their CITI account. The modules below represent the full catalog available through ORIP's institutional subscription.

How to Use This Guide: Use the Learning Pathways section to find recommended training for your specific research context. Then explore the full Module Catalog to identify any additional coursework relevant to your work. Click any [Open Course](#) link to access the module directly in CITI.

Questions? Contact ORIP at orip.syr.edu or orip@syr.edu

SECTION 1

Learning Pathways

Recommended training sequences by research role and context

New Researcher or Graduate Student

If you are new to conducting research on human subjects at Syracuse University, start here. These foundational modules build the knowledge base required before submitting an IRB application.

Recommended modules:

- History and Ethical Principles - SBE (ID: 490)
- Syracuse University - HSR (ID: 12605) <- required for SU researchers
- Defining Research with Human Subjects - SBE (ID: 491)
- The Federal Regulations - SBE (ID: 502)
- Assessing Risk - SBE (ID: 503)
- Informed Consent - SBE (ID: 504)
- Privacy and Confidentiality - SBE (ID: 505)

Biomedical / Clinical Researcher

For researchers conducting clinical or lab-based studies involving human subjects, biospecimens, or FDA-regulated interventions.

Recommended modules:

- History and Ethics of Human Subjects Research (ID: 498)
- Basic IRB Regulations and Review Process (ID: 2)
- Informed Consent (ID: 3)
- FDA-Regulated Research (ID: 12)
- Research and HIPAA Privacy Protections (ID: 14)
- Recognizing and Reporting Unanticipated Problems (ID: 14777)
- Conflicts of Interest in Human Subjects Research (ID: 17464)

Community-Engaged or Education Researcher

For researchers working in community settings, schools, or using participatory research methods where relationship and cultural considerations are central.

Recommended modules:

- History and Ethical Principles - SBE (ID: 490)
- Defining Research with Human Subjects - SBE (ID: 491)
- Privacy and Confidentiality - SBE (ID: 505)
- Research in Public Elementary and Secondary Schools - SBE (ID: 508)
- Introduction to Community-Engaged Research (ID: 16994)
- Introduction to CBPR (ID: 16995)
- Ethical and Practical Considerations in CEnR (ID: 16996)
- Cultural Competence in Research (ID: 15166)
- FERPA for Researchers (ID: 17410) <- if your study involves student records

Research Involving Vulnerable or Special Populations

Required for any study involving populations that may require additional protections. Select the modules relevant to your specific population(s).

Recommended modules:

- Populations Requiring Additional Considerations and/or Protections (ID: 16680)
- Research with Children (ID: 507) <- if enrolling minors
- Research with Prisoners - SBE (ID: 506) <- if enrolling incarcerated individuals
- Research with Older Adults (ID: 16502)
- Research with Decisionally Impaired Subjects (ID: 16610)
- Research with Critically Ill Subjects (ID: 16592)
- Gender and Sexuality Diversity (GSD) in Human Research (ID: 16556)
- Research with Persons who are Socially or Economically Disadvantaged (ID: 16539)
- Students in Research (ID: 1321)

Internet-Based, Big Data, or Technology Research

For researchers collecting data online, via mobile apps, using large administrative datasets, or conducting studies involving digital technologies.

Recommended modules:

- Internet-Based Research - SBE (ID: 510)
- Human Subjects Considerations and Big Data Research (ID: 19126)
- Mobile Apps and Human Subjects Research (ID: 19728)
- Ethical and Appropriate Uses of Administrative Data (ID: 19826)
- Privacy and Confidentiality - SBE (ID: 505)
- IRB Risk Assessment of Technologies in Human Subjects Research (ID: 20480)

IRB Member or Research Administrator

For faculty, staff, or community members serving on or supporting an Institutional Review Board.

Recommended modules:

- The IRB Member Module - What Every New IRB Member Needs to Know (ID: 816)
- I Have Agreed to be an IRB Community Member. Now What? (ID: 13018)
- The IRB Administrator's Responsibilities (ID: 13813)
- External IRB Review (ID: 16711)
- sIRB Use and Administration: When Relying on a sIRB (ID: 17387)
- sIRB Use and Administration: When Serving as sIRB of Record (ID: 17388)
- IRB Risk Assessment of Technologies in Human Subjects Research (ID: 20480)

International or Cross-Cultural Research

For researchers conducting studies outside the United States or with populations whose cultural contexts require specific consideration.

Recommended modules:

- International Research - SBE (ID: 509)
- International Studies (ID: 971)
- Cultural Competence in Research (ID: 15166)
- Avoiding Group Harms - International Research Perspectives (ID: 14081)
- Consent and Cultural Competence (ID: 17263)
- Consent with Subjects Who Do Not Speak English (ID: 17260)

Disability-Accessible Ethics Education

Provides community research partners with disability-accessible education on ethical issues in social and behavioral research.

Recommended modules:

- Community-Engaged Scientific Research (ID: 22321)
- History of Scientific Research with People and Rules (ID: 22322)
- Getting People Involved in Research (ID: 22323)
- Keeping Research Participants Safe (ID: 22324)
- Community Research Partner Rights (ID: 22325)

SECTION 2

Full Module Catalog*Complete listing of available CITI modules with direct course links***Basic Biomedical (Biomed) Modules***Foundation training for researchers conducting biomedical studies involving human subjects.*

Module Name	Link	Module ID
History and Ethics of Human Subjects Research	Open Course	ID: 498
Basic Institutional Review Board (IRB) Regulations and Review Process	Open Course	ID: 2
Informed Consent	Open Course	ID: 3
Social and Behavioral Research (SBR) for Biomedical Researchers	Open Course	ID: 4
Records-Based Research	Open Course	ID: 5
Genetic Research in Human Populations	Open Course	ID: 6
Populations in Research Requiring Additional Considerations and/or Protections	Open Course	ID: 16680
Vulnerable Subjects - Research Involving Prisoners	Open Course	ID: 8
Vulnerable Subjects - Research Involving Children	Open Course	ID: 9
Vulnerable Subjects - Research Involving Pregnant Women, Fetuses, and Neonates	Open Course	ID: 10
Avoiding Group Harms - U.S. Research Perspectives	Open Course	ID: 14080
Avoiding Group Harms - International Research Perspectives	Open Course	ID: 14081
FDA-Regulated Research	Open Course	ID: 12
Recognizing and Reporting Unanticipated Problems Involving Risks to Subjects or Others in Biomedical Research	Open Course	ID: 14777
Research and HIPAA Privacy Protections	Open Course	ID: 14
Conflicts of Interest in Human Subjects Research	Open Course	ID: 17464

Basic Social-Behavioral-Educational (SBE) Modules*Foundation training for researchers in social, behavioral, and educational sciences. Includes the Syracuse University-specific required module.*

Module Name	Link	Module ID
History and Ethical Principles - SBE	Open Course	ID: 490
Syracuse University - HSR	Open Course	ID: 12605
Defining Research with Human Subjects - SBE	Open Course	ID: 491
The Federal Regulations - SBE	Open Course	ID: 502
Assessing Risk - SBE	Open Course	ID: 503
Informed Consent - SBE	Open Course	ID: 504

Module Name	Link	Module ID
Privacy and Confidentiality - SBE	Open Course	ID: 505
Research with Prisoners - SBE	Open Course	ID: 506
Research with Children - SBE	Open Course	ID: 507
Research in Public Elementary and Secondary Schools - SBE	Open Course	ID: 508
International Research - SBE	Open Course	ID: 509
Internet-Based Research - SBE	Open Course	ID: 510
Unanticipated Problems and Reporting Requirements in Social and Behavioral Research	Open Course	ID: 14928

Additional Modules of Interest

Supplemental modules covering emerging topics, technologies, and special research considerations.

Module Name	Link	Module ID
Belmont Report and Its Principles	Open Course	ID: 1127
Are You Thinking About Being in a Research Study?	Open Course	ID: 14562
Cultural Competence in Research	Open Course	ID: 15166
Hot Topics	Open Course	ID: 487
Humanitarian Use Devices (HUDs)	Open Course	ID: 16306
International Studies	Open Course	ID: 971
Data and Safety Monitoring in Human Subjects Research	Open Course	ID: 17433
Human Subjects Considerations and Big Data Research	Open Course	ID: 19126
Mobile Apps and Human Subjects Research	Open Course	ID: 19728
Ethical and Appropriate Uses of Administrative Data for Research and Evaluation	Open Course	ID: 19826

Clinical Trial Agreement (CTA) Modules

For researchers and administrators involved in negotiating or managing clinical trial agreements with industry sponsors.

Module Name	Link	Module ID
Overview of the Clinical Trial Agreement (CTA)	Open Course	ID: 17356
Understanding the Terms of the Clinical Trial Agreement (CTA)	Open Course	ID: 17357
Role of the Researcher and Site in Managing the Clinical Trial Agreement (CTA)	Open Course	ID: 17358
Clinical Trial Agreement (CTA) Negotiation for Researchers and Sites	Open Course	ID: 17359

Community-Engaged Research (CEnR) Modules

For researchers partnering with community organizations or using participatory research methods.

Module Name	Link	Module ID
Introduction to Community-Engaged Research	Open Course	ID: 16994
Introduction to Community-Based Participatory Research (CBPR)	Open Course	ID: 16995
Ethical and Practical Considerations in Community-Engaged Research (CEnR)	Open Course	ID: 16996

Consent Modules

Deep-dive modules on informed consent processes, challenges, and special consent considerations.

Module Name	Link	Module ID
Consent and Biobanks and Associated Databases	Open Course	ID: 17254
Consent and Cultural Competence	Open Course	ID: 17263
Informed Consent and Incidental Findings in Research with Human Subjects	Open Course	ID: 17342
Consent and Subject Recruitment Challenges: Remuneration	Open Course	ID: 16881
Consent and Subject Recruitment Challenges: Therapeutic Misconception	Open Course	ID: 17259
Consent in the 21st Century	Open Course	ID: 17060
Consent Tools Used in Research	Open Course	ID: 16944
Consent with Subjects Who Do Not Speak English	Open Course	ID: 17260

Disaster and Conflict Research

For researchers conducting studies in crisis, disaster, or armed conflict settings.

Module Name	Link	Module ID
Disaster and Conflict Research, Part 1: PI Responsibilities	Open Course	ID: 17384
Disaster and Conflict Research, Part 2: Best Practices and Recommendations	Open Course	ID: 17385

IRB-Focused Modules

For IRB members, administrators, and those working with single IRB (sIRB) arrangements.

Module Name	Link	Module ID
External IRB Review	Open Course	ID: 16711
I Have Agreed to be an IRB Community Member. Now What?	Open Course	ID: 13018
The IRB Administrator's Responsibilities	Open Course	ID: 13813
The IRB Member Module - "What Every New IRB Member Needs to Know"	Open Course	ID: 816
Single Institutional Review Board (sIRB) Use and Administration: When Relying on a sIRB	Open Course	ID: 17387
Single Institutional Review Board (sIRB) Use and Administration: When Serving as a sIRB of Record	Open Course	ID: 17388

Module Name	Link	Module ID
Single Institutional Review Board (sIRB) Use and Administration: Authorization Agreements	Open Course	ID: 17392
IRB Risk Assessment of Technologies in Human Subjects Research	Open Course	ID: 20480

Phase I Research Modules

For researchers and staff involved in early-phase clinical research trials.

Module Name	Link	Module ID
Phase I Research: Understanding Phase I Research	Open Course	ID: 16873
Phase I Research: Protecting Phase I Subjects	Open Course	ID: 16874

Population-Specific Modules

Focused training for research involving populations that may require additional ethical consideration or protections.

Module Name	Link	Module ID
Gender and Sexuality Diversity (GSD) in Human Research	Open Course	ID: 16556
Illegal Activities or Undocumented Status in Human Research	Open Course	ID: 16656
Research Involving Subjects at the End of Life	Open Course	ID: 16658
Research with Critically Ill Subjects	Open Course	ID: 16592
Research with Decisionally Impaired Subjects	Open Course	ID: 16610
Research with Older Adults	Open Course	ID: 16502
Research with Persons who are Socially or Economically Disadvantaged	Open Course	ID: 16539
Research with Subjects with Physical Disabilities & Impairments	Open Course	ID: 16657
Students in Research	Open Course	ID: 1321
Vulnerable Subjects - Research Involving Workers/Employees	Open Course	ID: 483

Stem Cell Research Modules

For researchers working with human stem cells, embryonic material, or reproductive tissues.

Module Name	Link	Module ID
Stem Cell Research Oversight (Part I)	Open Course	ID: 13882
Stem Cell Research Oversight (Part II)	Open Course	ID: 14584

FERPA Modules

For researchers and IRB staff whose work intersects with education records and student privacy protections.

Module Name	Link	Module ID
FERPA: An Introduction	Open Course	ID: 17407

Module Name	Link	Module ID
FERPA for Researchers	Open Course	ID: 17410
FERPA for Institutional Review Boards (IRBs)	Open Course	ID: 17411

Public Health Research Modules

For researchers in public health fields addressing the distinct ethical considerations of population-level health research.

Module Name	Link	Module ID
Introduction to Public Health Research	Open Course	ID: 17637
Public Health Research and Public Health Practice	Open Course	ID: 17638
Informed Consent and Confidentiality in Public Health Research	Open Course	ID: 17639
Ethical Issues in Public Health Research	Open Course	ID: 17640

Need Help Getting Started?

Visit orip.syr.edu to access the CITI platform through Syracuse University's institutional subscription, or contact the Office of Research Integrity and Protections at orip@syr.edu.

CITI Program is accessible at: citiprogram.org