

Human Subjects Research Training

CITI Required Training for Biomedical Researchers:

A Resource Guide for Syracuse University Researchers

- **Belmont Report and Its Principles (ID 1127)**
Provides learners with the Belmont Report which lays the foundation for the IRB
- **Populations in Research Requiring Additional Considerations and/or Protections (ID 16680)**
Introduces vulnerable populations in research, distinguishing between federally protected groups and others, and examines how vulnerability affects the principles of autonomy, beneficence, and justice.
- **History and Ethics of Human Subjects Research (ID 498)**
Examines the historical events that shaped current regulatory requirements, reviews the Belmont Principles, and explores the contemporary ethical standards guiding human subjects research today.
- **Basic Institutional Review Board (IRB) Regulations and Review Process (ID 2)**
Introduces human subjects protection regulations and IRB fundamentals, including IRB role, authority, and composition. Reviews exempt, expedited, and full review processes under the Common Rule (45 CFR 46), and addresses additional compliance requirements from the FDA, ICH, NIH, and the Department of Education.
- **Informed Consent (ID 3)**
Covers the informed consent framework under the Common Rule (45 CFR 46), including consent process and documentation, waivers, vulnerable populations, and key differences between FDA and HHS regulations.
- **Social and Behavioral Research (SBR) for Biomedical Researchers (ID 4)**
Examines social and behavioral research (SBR) techniques within biomedical research, including study types, data collection methods, and the risks and benefits unique to SBR.
- **Records-Based Research (ID 5)**
Covers the risks, review requirements, and privacy considerations unique to records-based research, including confidentiality protections, certificates of confidentiality, and applicable federal privacy law.
- **Research and HIPAA Privacy Protections (ID 14)**
Covers HIPAA privacy requirements as they relate to research, including when full protections apply, available waivers and exemptions, and researcher and institutional responsibilities for data security and privacy compliance.
- **Plus 2 electives**