

Title/Subject: **HUMAN SUBJECT RESEARCH**

Applies to:  faculty  staff  students  student employees  visitors  contractors

Effective Date of This Revision: July 1, 2011

Contact for More Information: Institutional Review Board; Office of Research and Sponsored Programs

Board Policy  Administrative Policy  Procedure  Guideline

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**BACKGROUND:**

Central Michigan University (CMU) has provided a formal guarantee (Multiple Project Assurance M-1317) to the Department of Health and Human Services (DHHS) that it will follow mandated procedures to assure the protection of all human subjects involved in research projects. This guarantee applies to all research conducted at this institution or under the direction of any employee or agent of this institution, whether funded or not, and regardless of the source of funding.

In order to comply with the DHHS and the Federal Drug Administration (FDA) regulations for the Protection of Human Subjects, CMU has established an Institutional Review Board (IRB) to review all research involving the use of human subjects and to implement institutional policy regarding such research. The primary function of the IRB is to assist researchers in the protection of the rights and welfare of human subjects. The IRB, composed of faculty and staff from a variety of disciplines plus community members, is directly responsible to the Vice Provost for Research.

**PURPOSE:**

All research (see the accompanying Guidelines for a definition of the term "research" as it is used in this document) involving the use of human subjects conducted by CMU faculty, staff or students, or sponsored in part or in whole by CMU, must be reviewed and approved prior to the start of the project and then conducted in full compliance with IRB policies and procedures.

**DEFINITIONS:**

Research shall mean a systematic investigation, including research development, testing and evaluation, designed to develop or contribute to generalizable knowledge (DHHS, Code of Federal Regulations, 45, CFR 46.102(d)).

Human Subject shall mean a living individual about whom an investigator conducting research obtains data through intervention or interaction with the individual or through identifiable private information. (DHHS, Code of Federal Regulations, 45 CFR 46.102(f)).

**POLICY:**

The University is guided by the ethical principles regarding all research involving human subjects as set forth in the report of The National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research entitled "Belmont Report: Ethical Principles and Guidelines for the Protection of Human Subjects of Research," The Nuremberg Code, and the

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Authority: George E. Ross, President

History: None

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World Medical Association Declaration of Helsinki: Recommendations Guiding Medical Doctors in Biomedical Research Involving Human Subjects.

It is the responsibility of the individual investigator to ensure that appropriate ethical principles are adhered to in the conduct of research involving human subjects. The investigator is responsible for the ethical treatment, and prevention of negligent treatment, of research subjects by collaborators, assistants, students, or employees who are assisting in the research of the investigator, as well as his or her own behavior.

The primary ethical principles which must be considered in all research involving human subjects include:

1. *Maintaining subject autonomy*
2. *Maintaining the safety of the subject.*
3. *Promoting benefit to the subjects and larger community.*
4. *Conducting research in a fair and equitable manner.*
5. *Honoring commitments made to subjects in a study.*
6. *Maintaining and facilitating excellence in Human Subjects Research*

**PROCEDURE:**

CMU's Vice Provost for Research will have overall responsibility under this Policy for CMU's IRB/Human Subjects Research Protection Program. Those duties are as follows:

1. Be responsible for compliance with all CMU policies and all applicable regulations for the protection of Human Subjects
2. Be the Signatory authority for the Federal-Wide Assurance to the Office of Human Research Protections
3. Provide support to the human research protections program within the means of CMU

In the performance of these duties, the Vice Provost for Research has the authority to delegate such activities as may be necessary in order to fulfill these duties.

To conduct its responsibility effectively, CMU maintains an Institutional Review Board (IRB) to review research protocols involving human subjects. The IRB is an autonomous body established to protect the rights and welfare of human research subjects recruited to participate in research activities conducted under CMU auspices.

Each IRB Committee is composed of a minimum of 5 voting members nominated by the Vice Provost for Research. : 3(or more) members of the university faculty and/or staff, at least one non-university member (who may not be part of the immediate family of a person who is affiliated with Central Michigan University), and at least one person from the ORSP who will serve as executive secretary.

The IRB has the following authority:

1. To approve, require modifications to secure approval, defer, or reject all research activities overseen and conducted by CMU, regardless of the location of these activities;
2. To suspend or terminate approval of research not being conducted in accordance with the IRB's requirements or that has been associated with unexpected serious harm to participants
3. To observe, or have a third party observe, the consent process; and
4. To observe, or have a third party observe, the conduct of the research.

All expedited and full board IRB-approved research studies are subject to ongoing IRB review, which must be conducted at least annually. If IRB approval lapses, all research activity must stop. The investigator may petition the IRB to continue an individual participant's research intervention/interaction during a period of lapsed IRB approval if the investigator believes that there is a safety concern or ethical issue such that it is in the best interest of the individual participant to do so.

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The IRB has jurisdiction over all human subject research conducted under the auspices of CMU, regardless of funding source or performance site. Research conducted under the auspices of CMU includes research:

1. Conducted at CMU
2. Conducted by or under the direction of any CMU employee or agent (including students) in connection with his or her institutional responsibilities;
3. Conducted by or under the direction of any CMU employee or agent (including students) using any property or facility of CMU; or
4. Involving the use of any CMU non-public information.

No research involving human subjects may commence until all institutional approvals (including from the IRB) are obtained.

CMU may review any research protocol and reserves the right to terminate the implementation of a research protocol that has been approved by the IRB, if in the opinion of CMU said research protocol would place its human subjects at undue risk. CMU may not, however, approve the implementation of any research protocol that has been rejected by the IRB, nor may CMU override the decision of the IRB not to approve a research protocol.

The Vice Provost for Research and the IRB shall adopt a series of guidelines (attached) to implement this Policy. These Guidelines shall serve as the governing procedures for the conduct and review of all CMU's human subject research.

*Central Michigan University reserves the right to make exceptions to, modify or eliminate this policy and or its content. This document supersedes all previous policies, procedures or guidelines relative to this subject.*