

## Responsible Conduct of Research

### Purpose

The purpose of this policy is to clarify and lay the foundation for Responsible Conduct of Research at Mayville State University (MSU).

Research Institutions that accept federal funds for research are required by law to have policies that cover aspects of research. MSU while not considered a research institution, many of its faculty conduct research and that by nature fall into category that requires policies and procedures to guide responsible conduct of that said research. The US Department of Health and Human Services Office of Research and Integrity (ORI) sets forth guidelines for research integrity.

The National Science foundation (NSF) and the National Institutes of Health (NIH) require institutions to offer programs and verify completion of Responsible Conduct of Research (ROI) training. These requirements are applicable to all students, trainees, participants, scholars, faculty and staff receiving support from these above stated agencies. As a result of these requirements MSU must ensure we have developed and implemented a comprehensive training program to fulfill these requirements. MSU also understands and values the increased demand for ensuring it conducts research fairly and impartially and that confidence in the University is maintained with its constituents.

### *The National Science Foundation (Link)*

The NSF requires “that each institution that applies for financial assistance from the Foundation for science and engineering research or education describe in its grant proposal a plan to provide appropriate training and oversight in the responsible and ethical conduct of research to undergraduate students, graduate students, and postdoctoral researchers participating in the proposed research project.”

### *National Institute of Health (Link)*

April 19, 2011 the National Institutes of Health (NIH) updated its policy requiring research education and training on Responsible Conduct.

*“The purpose of this Notice is to update NIH policy on instruction in the responsible conduct of research, convey some of the consensus best practices that have evolved in the research training community over the past two decades, and to provide access to additional information that may be useful to institutions and individuals in meeting their obligations under NIH policy. Specifically this Notice: 1) develops principles based on 20 years’ experience of providing instruction in responsible conduct of research by the scientific research community; 2) is more specific about who should participate, how often instruction should occur, and the form that instruction should take; 3) addresses issues that have arisen as the practice of biomedical, behavioral and clinical science has evolved; and 4) provides guidance to applicants, peer reviewers and NIH staff in determining how well specific plans for instruction in responsible conduct of research compare with the best practices accumulated over the past two decades by the research training community.”*

While there are no specific curricular requirements for instruction in responsible conduct of research, the following topics (as advised by the Department of Human Service Office of Research Integrity, ORI) have been incorporated into most acceptable plans for such instruction, are specific to research grants and contracts and are included in MSU’s policies, procedures, and training plans:

- a. code of conduct

- b. conflict of interest – personal, professional, and financial
- c. policies regarding human subjects, live vertebrate animal subjects in research, and safe laboratory practices - IRB
- d. mentor/mentee responsibilities and relationships, including student researchers
- e. collaborative research including collaborations with industry
- f. data management including; acquisition and laboratory tools, data management, storage, sharing and ownership
- g. research misconduct and policies for handling misconduct
- h. responsible authorship and publication
- i. the scientist as a responsible member of society, contemporary ethical issues in biomedical research, and the environmental and societal impacts of scientific research

### **Related Policies**

NDUS 611.4 Employee Responsibility and Activities: Conflict of Interest

M611.4 Conflict of Interest

M18611 Conflict of Interest – Research/Grants

M385 Conflict of Interest Committee

NDUS 611. 2 Employee Responsibility and Activities: Intellectual Property

NDUS 611.5 Employee Responsibility and Activities: Outside Employ, or Consulting Practices; Use of Institution Property

M611.5 Consulting and Honoraria

NDUS 611.6 Employee Responsibility and Activities: Confidential Proprietary Information

M\_\_\_ Research Data Management

NDUS 308.1 Code of Conduct

M 308.1 Code of Conduct

M18308 Code of Conduct- Research/Grants

M\_\_\_ Integrity in Research and Research Misconduct

NDUS 611.10 Employee Responsibility and Activities: Theft, Fraud and Waste

M 611.10 Employee Responsibility and Activities: Theft, Fraud and Waste

NDUS 608.2 NDUS Employees – Non Renewal and Dismissals

M\_\_\_ Mentor/Mentee Responsibilities in Research

M\_\_\_ Student Research

NDUS 611.8 Employee Responsibility and Activities: Research of Human Subjects

M\_\_\_ Protection of Human Subjects

M\_\_\_ Internal Review Board Committee

M\_\_\_ Collaborative Research

### **Resources**

National Science Foundation <http://www.nsf.gov/bfa/dias/policy/rcr.jsp>

National Institutes of Health <http://nih.gov/>

US Department of Health & Human Services Office of Research Integrity <http://ori.hhs.gov/>

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**Sponsors:** President, Vice President for Academic Affairs and Vice President for Business Affairs,  
Director of Grants Office