

RESPONSIBLE CONDUCT OF RESEARCH

An important component of my training in becoming a future independent investigator will involve formal, continued instruction in the responsible and ethical conduct of research. In accordance with the America COMPETES Act and NIH announcement number NOT-OD-10-019, Marquette University has developed a detailed plan to provide appropriate training and oversight in the responsible and ethical conduct of research for undergraduate students, graduate students, and post-doctorates conducting research. Notably, this training plan meets and exceeds the 5 components—1) *Format*, 2) *Subject Area*, 3) *Faculty Participation*, 4) *Duration of Instruction*, and 5) *Frequency of Instruction*—outlined in the NIH announcement. Details of this plan are available upon request from the Office of the Vice President for Research and Innovation at Marquette University. Briefly, Marquette University's graduate school sponsors a 2-day, 8-hour seminar series every fall semester that is taught by Marquette faculty members. The course provides in-depth, interactive case-based instruction in the following areas of responsible and ethical conduct of research:

- Data Acquisition and Management
- Mentor-Trainee Relationships
- Publication Practices and Authorship
- Peer Review Practices
- Collaborative Research
- Protection of Human Subjects
- Research Involving Animals
- Conflict of Interest and Commitment
- Ethical Decision Making in Research
- Research Misconduct

Completion of the course requires 1) documented attendance of all 8-hours of seminars and 2) passing grades on the quizzes for each lecture. I have already completed this training and received the certificate in November 2013, and I will continue attending this seminar each year for the 2 years of this training fellowship.

In addition, I will supplement the material presented in this annual course by 1) attending 3 additional hours every year of seminars or lectures focused on topics related to bioethics or responsible conduct of research, and 2) completing the web-based human subjects research training course on '*Protecting Human Research Participants*' each year for the 2 years of the training fellowship. This online training is offered by Marquette's Office of Research Compliance and is sponsored by the NIH Office of Extramural Research. My most recent completion of this course was in March 2015. The seminars and lectures I will attend are offered regularly by the Center of Bioethics and Medical Humanities department at the Medical College of Wisconsin, which is directly affiliated with Marquette University through the Clinical and Translational Science Institute of Southeast Wisconsin.