PROGRAM IN MATHEMATICS EDUCATION (PRIME)

EDUCATION/TRAINING PLAN FOR RESPONSIBLE CONDUCT OF RESEARCH AND SCHOLARSHIP

Initial training first year (5 hours: both parts 1 and 2 below)

Training in Subsequent years (3 hours, from part 2 below)

1. (2 hours) All individuals will be certified by the MSU Human Research Protection Program (HRPP) http://www.humanresearch.msu.edu/

   This training includes the online MSU tutorial for HRPP http://35.8.104.116:591/ucrihs/ucrihs_tutorial/ and the required CITI (Collaborative Institutional Training Initiative) to which MSU has access https://www.citiprogram.org/

2. (3 hours) Initial training first year and 3 hours every subsequent year

   a. PI’s of research projects or academic advisors, as appropriate, will assign readings on pertinent responsible research conduct. Examples of topics:
      1. Research Misconduct
      2. Data Acquisition, Management, Sharing and Ownership
      3. Conflict of Interest and Commitment
      4. Publication Practices and Responsible Authorship
      5. Mentor / Trainee Responsibilities
      6. Peer Review
      7. Collaborative Science
      8. Human Subjects

      Readings and case studies can be selected from MSU’s Research Integrity Council website at http://www.grad.msu.edu/researchintegrity/ or drawn from other materials specific to the research.

   b. Individuals may be introduced to Responsible Conduct of Research through participation in one or more of the workshop options offered through the Graduate School. The schedule and description of workshops is available at http://grad.msu.edu/rcr/. The unit would receive a list of workshop participants.

   c. In addition to the discussions above, Mathematics Education Graduate Students discuss a range of Responsible Conduct of Research issues in their required coursework.

      *Online training activities can count toward the required hours of training, but there needs to be a significant face-to-face component.*