2015 Responsibilities and Ethics
In the Conduct of Research Workshop

Monday, January 12, 2015

7:30 – 8:00: Registration and Breakfast

8:00 – 8:15: Welcoming Remarks
Bob Bernhard, Vice President for Research

8:15 – 8:30: Introductions and Overview
Sharon Hu, Associate Dean for Professional Development and Computer Science and Engineering
Mark Suckow, Associate Vice President for Research and Department of Biological Sciences

8:30 – 9:00: Recognizing and approaching ethical problems
Melinda Gormley, Reilly Center for Science, Technology, and Values

9:00 – 10:00: Mentoring/Mentee Expectations: Panel Discussion
Moderator: Kristi Rudenga, Kaneb Center for Teaching & Learning
Presenters: Jessica Collett, Sociology
Tom Fuja, Electrical Engineering
Chris Suarez, Chemistry & Biochemistry

10:00 – 10:20: Break

10:20 – 12:00: Research Misconduct and “The Lab”
Mark Suckow, Associate Vice President for Research and Department of Biological Sciences

12:00 – 1:30: Lunch & Keynote Speaker
Major General Bob Latiff, Ph.D., Materials Science, University of Notre Dame

A retired Major General in the U.S. Air Force, Dr. Latiff is an expert on systems engineering as well as defense and intelligence issues. His current work on the ethical use of technology in the military was featured in a “What Would You Fight For?” television spot on NBC.

This talk will discuss the breathtakingly rapid advances and the increasing convergence of new and emerging technologies. It will describe how we are seduced by technology's promise and are often led to overlook or dismiss the important step of searching for potential downsides or unintended consequences. It will talk about the ethical responsibilities of the researcher and will offer a framework for analysis based on a study done for the Defense Research Projects Agency (DARPA) by the National Academy of Sciences.

1:30 – 1:45: Break

1:45 – 2:15: Intellectual Property and Copyright
Pat Flynn, Computer Science and Engineering
Tim Flanagan, General Counsel

2:15 – 3:30: Responsibilities in Data Collection, Management, and Publication
Moderator: John Lubker, Associate Dean of Students
Faculty leads: Susan Blum, Anthropology
Kevin Bowyer, Computer Science and Engineering
Prashant Kamat, Chemistry and Biochemistry

3:30-3:45: Break

3:45-5:00: Concurrent Sessions Private Dining Rooms, and McKenna)
Human Subjects and Community Engagement (Ballroom)
Kevin Sandberg, CSC, Graduate Student Initiatives and Faith Education
Kate Mueller, Center for Social Research

Social Responsibility
Tracy Kijewski-Correa, Civil & Environmental Engineering & Earth Sciences

Animal Research
Mark Suckow, Associate Vice President for Research and Department of Biological Sciences