

PhD Program in Translational Biology, Medicine and Health Ethics and Integrity Requirements

A. Introduction:

CGS&P Resolution 2012-13B requires all graduate programs to include a scholarly ethics and integrity component in graduate education. Consistent with this resolution, it is a requirement of the “Translational Biology, Medicine, and Health” doctoral program that all students take a 2-credit course in their first semester of study (TBMH 5105), which covers responsible conduct in research, ethics, and professionalism. This course is the first in a series of two required Professional Development and Ethics courses, and will already be taken by the time students submit their plan of study. TBMH 5105 – 5106 have been approved by Virginia Tech’s governance, and will be offered beginning Fall 2014.

B. Catalog Description

5105: Ethical standards of science and ethical issues in translational, biomedical and health research. Responsible conduct of biomedical and health research. Collaborative research strategies. Impact of translational science on national and global issues. Pre: Graduate standing. Co: 5004. (2H, 2C).

C. Topics required by TBMH:

- 1. Plagiarism and other violations of the Graduate Honor Code**
- 2. Proper use of professional conventions in citation of existing research and scholarship, accurate reporting and ownership of findings, and acknowledgement of contributions to the work.**
- 3. Ethical standards in teaching, mentoring and professional activities**
- 4. Available avenues for reporting alleged misconduct**
5. Appropriate lab procedures, data acquisition, and record-keeping
6. Fair use of publications, software and equipment
7. Appropriate research protocols involving human rights and animal subjects; Institutional Review Board and/or IACUC certification
8. Guidelines for determination of authorship
9. Ethical issues in collaborative research, such as data sharing and ownership
10. Environmental and societal impacts of translational science research

D. Method of addressing these requirements:

TBMH 5105 covers all four of the topics required by CGS&P Resolution 2012-13B. To pass this course a student must have successfully completed all assignments and maintained a 100% attendance record. Students may work with the course director to make-up a class missed due to extenuating circumstances.