

# MHB 734 Studies in Contemporary Biosciences

Fall 2013, Tuesdays 3:30-5:30pm

3 credits

Instructors: **Linda Hogle** (Anthropology) & **Kris Saha** (Biomedical Engineering)

This seminar will explore social and ethical issues arising in the use of contemporary biosciences, focusing on three broad areas:

- the ownership and control over data produced in the course of research,
- new ways of defining disease through *in vitro* modeling and “Big Data”
- the increasingly blurred boundaries between research and clinical practice.

Work in these areas is anticipated to form the basis of a transformative healthcare paradigm that delivers personalized and precision medicine.



This seminar is for advanced students in the social sciences, law, philosophy of science, science and technology studies, biosciences, engineering, political science and public health. Professional and medical students are welcome.

Course Requirements: Attendance and active participation in all sessions, completion of all readings and assignments, including a policy exercise and critical thinking essays. A research paper will be required for graduate credit.

