

BIOTECHNOLOGY: BOUNTIFUL HARVEST OR BITTER HARVEST?

Syllabus - 2008

- Sept 02 Video: Life-Patent Pending - discussion
Writing assignment #1 due
- 04 Writing Workshop - thesis statements
Discussion on discussion
- 09 Academic honesty exercise
- 11 Agricultural biotechnology - "Mouse that Laid the Golden Egg" (video)
Discussion
- 16 Agricultural biotechnology
- science
- 18 Library orientation - Class begins at 8:00 am in Creative Computing
Lab, Forum **Kevin Engel, Science Librarian**
- 23 Agricultural biotechnology
- debate/discussion of Terminator Technology
- **topic for class presentations due**
- **Writing assignment #2 due**
- 25 Applications of ag biotechnology: class presentations
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- Oct 02 Human Genome Project
- description
- "Immortal Thread" (video)
- Ethics exercise
- 07 Human Genome Project
- activities
- Case of Nathaniel Wu
- Oct 09 Genetic testing - "Children by Design" (video)
Discussion

- 14 Genetic testing - Discuss Weir chapters (Paul, Ash, Marcus, Quaid)
- Case studies of genetic counseling
- 16 Patenting Life - Principles of patents, discussion of cases
Writing assignment #3 due
- 19-26 **Fall Break**
- 28 Writing lab presentation on writing assignment #3
Judy Hunter, Director, Writing Lab
- 30 In vitro fertilization and human cloning
- science and discuss case of frozen embryos
- Nov 04 In vitro fertilization and human cloning
-societal implications - discussion
- 06 Gene therapy - science and case studies
- 11 Peer review of writing assignment #4
- 13 Germ-line gene therapy - Discuss Weir chapters (Walters, Boyle)
Writing assignment #4 due
- 18 Paper appointments
- 20 Paper appointments
- 25 DNA fingerprinting - video - brief discussion
- Dec 02 DNA fingerprinting:
- science
- start DNA fingerprinting lab (set up digests)
- 04 DNA fingerprinting:
- finish lab (run gels, measure)
- 09 Discuss Immortality paper
- 11 Evaluations
Writing assignment #5 due