

# 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**