COURSE OVERVIEW

Developments in biotechnology and the life sciences have thrown into question existing policy approaches and instruments dealing with intellectual property, reproduction, human subjects research, crime and punishment, health care, and privacy. Rapid changes in science and technology appear to be reconstituting concepts of the self and its boundaries, kinship, ownership, and legal rights and obligations of people in relation to their governing institutions. Through reading primary materials and relevant secondary sources, this course seeks to identify and explore salient ethical, legal, and policy issues—and possible solutions—associated with these developments.

STRUCTURE OF MEETINGS

Because this is a long class period, we will take a 15 min. break at 11:15 am, creating a two session format. We will also sometimes screen short films or film segments in the class.

READINGS

Articles and most readings available on bSpace in <Resources> folder marked by week.

Please order the following books as soon as possible:

- Tom L. Beauchamp and James F. Childress, *Principles of Biomedical Ethics* (6th ed. or later)

GRADES

Grades will be determined by class attendance/participation (40%) AND an 15-20 page final paper (60%). A ½ page description of the paper topic should be emailed to Prof. Winickoff no later than March 6, 2013. Please note that the final paper cannot be used to fulfill the writing requirement.

Towards the end of the semester, students will give a brief class presentation on their paper topic. The final paper is due April 23, 2013. Students should email the paper to Prof. Winickoff AND place a hard copy in his faculty mailbox.
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Reading - Activity</th>
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| 1/9  | Heredity, Reproduction, Selection | Daniel Kevles, *In the Name of Eugenics*, Ch. 5-7  
*Eugenics in America*  
*Buck v. Bell* (1927)  
*Skinner v. Oklahoma* (1942) |
| 1/16 | Embryo Selection and Deselection | Tom L. Beauchamp and James F. Childress, Principles of Biomedical Ethics (6th ed. or later), Chapter 1 (“Moral Norms”).  
[http://bioethics.georgetown.edu/pbbe/reports/reproductionandresponsibility/chapter3.html](http://bioethics.georgetown.edu/pbbe/reports/reproductionandresponsibility/chapter3.html), Ch.3.  
Julian Savulescu, Procreative Beneficence: Why We Should Select the Best Children, 15 *Bioethics* 413 (2001).  
*Johnson v. Calvert* 851 P.2d 776 (Cal. 1993)  
*In Re Marriage Buzzanca* 72 Cal.Rpter.2d 280 (Cal. App. 1998) |
Explore and read through the materials on the Nazi Doctor Trials at Nuremberg.  
Nuremberg Code: [http://www.hhs.gov/ohrp/archive/nurcode.html](http://www.hhs.gov/ohrp/archive/nurcode.html) |
| 2/6  | Human Subjects II | James Jones, *Bad Blood: The Tuskegee Syphilis Experiment* (Chapter 9-13)  
Excerpts from the “Common Rule” 45 CFR 46: 102, 103 (b only), 107-111, 116, 117 (a

Editorials, “Ethics of Clinical Research in the Third World,” New England Journal of Medicine. ONLY the following from the PDF:

- ONLY: 836-43. (end with Angell letter).

Recommended:
Beauchamp and Childress, Chapter 4 (“Respect for Autonomy”)

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<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading</th>
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</table>
D. Winickoff, “ Genome and Nation: Iceland’s Health Sector Database and its Legacy,” Innovations 1,2: 80-105 (Spring 2006)  

*************** Syllabus provisional from here down – depends on visitors, pace, interests, etc.  

Biotechnology and Democracy

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<tr>
<th>Date</th>
<th>Topic</th>
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| 2/20 | Gene Patent Litigation | AMP v. USPTO (District Court)  
AMP v. USPTO (CFAC)  
Cook-Deegan, Science |
Read 802-807 on lie detection carefully. Other stuff is optional.  
U.S. v. Semrau, No. 07-10074 M1/P, Report and Recommendation (W.D. Tenn. May |
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<th>Date</th>
<th>Topic</th>
<th>Notes</th>
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<tr>
<td>3/27</td>
<td><strong>Spring Break</strong></td>
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</tr>
</tbody>
</table>
| 4/3   | Universities, Biotech Licensing and Justice| Rebecca Eisenberg, Noncompliance, Nonenforcement, Nonproblem? Rethinking the Anticommons in Biomedical Research, 45 Hous. L. Rev. 2008-2009  
NIH, Office of the Director, In the Case of NORVIR® Manufactured by Abbott Laboratories, Inc. (Bayh-Dole Act March-in Petition) 2004.  
Anthony So, etc., Is Bayh-Dole Good for Developing Countries? Lessons from the US Experience, PLoS Biology, October 2008 | Volume 6 | Issue 10 | e262 |
Francis Collins, “What we do and don’t know about race, genetics and health at the dawn of the genetics era” Nature Genetics Supplement 36;11: November 2004  
| 4/17  | Direct to Consumer Genetic tests           | Explore 23andMe website: https://www.23andme.com/  
Recommended:  
| 4/24  |                                           | **Final Papers Due**                                                  |