*Bioethics* Syllabus

Sam Doernberg & Dana Howard

Monday 7-9 PM

**1) Drugs**

    a. Drugs and Enhancement in Sports

i. Ethics of Performance Enhancement in Sport: Drugs and Gene Doping. Bennett Foddy and Julian Savulescu. *Principles of Health Care Ethics, Second Edition.* 2007 John Wiley & Sons, Ltd. ISBN: 978-0-470-02713-4

ii. Disabilities, Enhancement, and the Meanings of Sports, Part III (C): Fair Competition and Enhancement. Henry T. Greely, Research Paper No. 82. February 2004

iii. Bionic Athletes, Michael Sandel. *The Case against Perfection: Ethics in the Age of Genetic Engineering, Ch. 2*

b. Libertarian Approaches to Drugs

i. NYTimes articles about marijuana http://topics.nytimes.com/top/reference/timestopics/subjects/m/marijuana/index.html

        ii. Jessica Flanagan, *Three Arguments Against Prescription Requirements*

iii. John Stuart Mill, *On Liberty*, Ch. 1

**2) Genetic Enhancement**

    a. Overview of genetic enhancement

        i. Henry Greely, *Ethical Issues in Genomics*

ii. Michael Sandel, *Against Perfection*, *Atlantic Monthly*, April 2004

    b. Debate over genetic perfectionism and disability

i. Julian Savulescu and Guy Kahane, The Moral Obligation to Create Children with the Best Chance of the Best Life, *Bioethics*.

    ii. Harriet McBryde-Johnson, Unspeakable Conversations, *NYTimes Magazine*

iii. Matthew Liao, Human Engineering and Climate Change, *Ethics, Policy, and the Environment*

**3) Clinical Trials**

    a. Introduction to ethics of RCT’s

        i. Henry Beecher, Ethics and Clinical Research *(NEJM)*

ii. Bob Truog, Randomized Controlled Trials: Lessons from ECMO

    b. Ethical challenges of clinical trials

        i. Zeke Emanuel, Dave Wendler, C. Grady, What Makes Clinical Research Ethical? *JAMA 2000*

        iii. Benjamin Freedman: Equipoise and the Ethics of Clinical Research

        iv. F. Miller, Sham Surgery: An Ethical Analysis. *Am J Bioeth* 2003

**4) Prisoner Participation in Clinical Trials**

    a. Overview of the challenges

        i. Carl Cohen, Medical Experimentation on Prisoners, *Perspectives in Biology & Medicine*

        ii. Scientific American, Should Prisoners be Used in Medical Experiments

        iii. Alan Hornblum, Acres of Skin (excerpts)

 iv. L.O. Gostin - Biomedical Research Involving Prisoners: Ethical Values and Legal Regulation, *JAMA*

    b. Fear of exploitation

        i. Frank Miller and Alan Wertheimer, Coercive Offers, *JME*

        ii. Carl Elliott, Guinea Pigging, *New Yorker,* 2008

 iii. Christopher, *et al*. Exploitation of Prisoners in Clinical Research: Perceptions of Study Participants. *IRB* Jan-Feb 2016.

**5) Organ donation**

    a. Kidney donation and a market for organs

        i. Shmuly Yanklowitz: “Give a Kidney, Get a Check” The Atlantic (2015)

        ii. Sam Kerstein:  Autonomy, Moral Constraints, and Markets in Kidneys

        iii. Jason Brennan, Peter Jaworski: “Markets without Symbolic Limits” Ethics, 2015

    b. Brain death

        i. Harvard Ad Hoc Committee on Definition of Brain Death (1968)

        ii. Truog and Miller: The Dead Donor Rule and Organ Transplantation *NEJM* 2008.

 iii. News article, NYTimes on brain death and Jahi McMath: “A Brain is Dead, A Heart Beats On.”