



Engineering
& Computing

FLORIDA INTERNATIONAL UNIVERSITY

Biomedical Engineering
Wallace H. Coulter Foundation
Lecture Series Seminar

**“The possibilities and pitfalls of personalized medicine -
where is genetic engineering taking us?”**

**DR. ARTHUR CAPLAN
EMANUEL & ROBERT HART DIRECTOR
CENTER FOR BIOETHICS
UNIVERSITY OF PENNSYLVANIA**

**SEMINAR AND CONVERSATION
FRIDAY, JANUARY 21, 2011**

**ENGINEERING CENTER
ROOM EC 1115
10555 WEST FLAGLER STREET
MIAMI, FL 33174
LECTURE: 1:00 PM - 2:30 PM**



Abstract: As the human genome is mapped many believe medicine will undergo a fundamental revolution moving from “one size fits all” diagnosis and treatment to a more individualized approach. This shift raises numerous ethical challenges such as how accurate diagnostic genetic testing should be, who should counsel patients, who will control genetic test information and how testing ought to be marketed. Dr. Caplan will review these and other ethical questions and suggest ways for moving medicine and public policy forward in the era of genomic medicine.

Dr. Arthur Caplan is the Emmanuel and Robert Hart Director of the Center for Bioethics at the University of Pennsylvania in Philadelphia. Dr. Caplan completed his undergraduate work at Brandeis University and his graduate work at Columbia University where he received a Ph.D. in the history and philosophy of science. He is the author of thirty books and over 550 papers in refereed journals. He is described as one of the ten most influential people in science by *Discover Magazine* and has been honored as one of the fifty most influential people in American health care by *Modern Health Care Magazine*. He has served on national and international boards including Chair of the National Cancer Institute Biobanking Ethics Working Group, and serves as the expert on bioethical issues for national and international media outlets.

For more information and lectures visit or click on the links below:

http://fora.tv/2008/07/14/Ethics_of_Using_Biomedicine_to_Enhance_Ourselves#chapter_02

<http://www.cbsnews.com/video/watch/?id=6430826n>

http://cnettv.cnet.com/market-human-tissue/9742-1_53-50031897.html

Reception following lecture, space is limited RSVP to: Claudia Estrada at estradac@fiu.edu