Contemporary Issues in Science ALS 5036
Spring, 2003
Final Schedule

Class meets Wednesdays 1:00 – 2:30 PM in room 1521 Fifield Hall

Semester Schedule

January 8th
Introduction to the course, selection of topics, introductions

January 15th
Selection of Essays in Science articles

January 22nd
Selection of additional Essays in Science and setting the schedule

January 29th
No Class

February 5th
Science and Art: Two Worlds Colliding?
Discussion Leader: Dr. Charles Guy

Readings: Ritual Abuse, Hot Air, and Missed Opportunities, by Michael Crichton
Of Two Minds and One Nature, by Rhonda Roland Shearer and Stephen Jay Gould

February 12th
Defining Humanness
Discussion Leader: Dr. Charles Guy

Readings: Is a New Eugenics Afoot? by Garland E. Allen
Intimations of Immortality, by John Harris

February 19th
Human Genome
Discussion Leader: Dr. Charles Guy

Readings: Is the Genome the Secular Equivalent of the Soul? by Alex Mauron
Defining Disease in the Genomics Era, by Larissa K. F. Temple, Robin S. McLeod, Steven Gallinger, and James G. Wright

February 26th
Career In Science
Discussion Leader: Dr. Charles Guy

Readings: A Life in Science, by H. Gobind Khorana
Inspired Choices, by Paul Berg and Maxine Singer
March 5th

*Human Cloning: Not A Question Of Possibility, But A Question Of When*

Discussion Leader: **Dr Kenneth C. Drury**, Clinical Associate Professor and Director, In Vitro Fertilization and Andrology Laboratory, Department of Obstetrics & Gynecology, Shands Hospital, University of Florida

**Readings**: *Sex in an Age of Mechanical Reproduction*, by Carl Djerassi

TBA

March 12th

*Spring Break, no class*

March 19th

*Science Literacy*

Discussion Leader: **Dr. Charles Guy**

**Readings**: *What We Don't Know Does Hurt Us. How Scientific Illiteracy Hobbles Society*, by Norman Augustine

*Popular Culture and the Threat to Rational Inquiry*, by Douglas R. Hofstadter

March 26th

*Access to Scientific Information*

Discussion Leader: **Dr. Charles Guy**

**Readings**: *Supporting Science*, by Nathan Myhrvold

*Putting Science in the Hands of the Public*, by Goéry Delacôte

April 2nd

*Science and Civil Rights*

Discussion Leader: **Dr. Charles Guy**

**Readings**: *Romanticism, Race, and Recapitulation*, by Gabriel Finkelstein

*Personal Journey Through Genetics and Civil Rights*, by David Suzuki

April 9th

*Social Responsibility of Science*

Discussion Leader: **Dr. Jeff Burkhardt**, Professor, Food and Resource Economics, University of Florida

**Readings**: *The Impact of Society on Science* by Sydney Brenner

*Women, Science, and Society* by Sandra Harding

*Science and Morality* by Edward Teller
April 16th

*More Careers In Science*
Discussion Leader: Dr. Charles Guy

**Readings:** *A Polish, Jewish Scientist in 19th-Century Prussia*, by David Lagunoff
*Islamic Women in Science*, by Farkhonda Hassan

April 23rd

*TBA*