

# ASSOCIATION FOR POLITICS AND THE LIFE SCIENCES

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Twenty-Fifth Annual Meeting  
The Mayflower Hotel - Washington, DC  
August 31 - September 4, 2005

## Program

### SUMMARY OF PROCEEDINGS

Program Chairs: Patrick Peritore, University of Missouri  
Kristen Alley Swain, University of Kansas

#### KEYNOTE SPEAKER AND PLENARY LECTURES

##### Keynote Speaker:

**Napoleon Chagnon**, *University of California – Santa Barbara* Fri., 8:00 pm  
öWarfare Among the Yanomanoö

##### Plenary Speakers:

**Gregory Conko**, *Competitive Enterprise Institute* Wed., 12:30 pm  
öThe Frankenfood Myth: How Protest and Politics  
Threaten the Biotech Revolutionö

**Lois Gibbs**, *Center for Health, the Environment and Justice, Love Canal* Thurs., 2:00 pm  
öThe Effect of Toxins on Childrenö

**Barry Levy**, *Tufts University School of Medicine* Fri., 2:00 pm  
öSocial Injustice and Public Healthö

**Milton Leitenberg**, *University of Maryland* Sat., 2:00 pm  
öAssessing Biological Weapons and the Bioterrorism Threatö

##### A **WORKSHOPS:** Kristen Alley Swain

A-1 Training Workshop on Planetary Protection ..... Wed., 9:00-10:30 am

A-2 Intelligent Design Theory: Teaching Alternatives to Evolution in  
Public School Science Classes ..... Wed., 10:45-12:15 pm

A-3 Simulating Dynamic Systems ..... Wed., 10:45-12:15 pm

A-4 Artificial Intelligence and Species Dominance ..... Wed., 2:00-3:30 pm

A-5 The Precautionary Principle ..... Wed., 2:00-3:30 pm

A-6 A Virtual Biosecurity Resource for Science Writers ..... Wed., 2:00-3:30 pm

A-7 Worlds Apart: Bridging the Journalist-Scientist Gap ..... Wed., 3:45-5:00 pm

- B BIOBEHAVIOR:** Steven A. Peterson and Albert Somit
- B-1 Explorations in Biobehavioral Politics: I ..... Thur., 8:30-10:15 am
  - B-2 Democracy and Nation-Building ..... Thur., 8:30-10:15 am
  - B-3 Explorations in Biobehavioral Politics: II ..... Thur., 10:45-12:30 pm
  - B-4 Evolutionary Psychology ..... Fri., 10:45-12:30 pm
  - B-5 Evolution and Politics ..... Fri., 10:45-12:30 pm
  - B-6 Why People Become Suicide Terrorists? ..... Fri., 3:15-5:00 pm
  - B-7 Traditional and Biopolitical Reflections on Terrorism ..... Sat., 10:45-12:30 pm
  - B-8 Biology and Group Cooperation & Conflict ..... Sat., 3:15-5:00 pm
  - B-9 Darwinian Anthropology: Human Social Organization ..... Sat., 3:15-5:00 pm
  - B-10 Neurosciences, Physiology, and Politics ..... Sun., 8:30-10:15 am

- C BIOTECHNOLOGY:** Patrick A. Stewart & Richard Sherlock
- C-1 Agricultural and Animal Genetic Engineering and Politics ..... Thur., 8:30-10:15 am
  - C-2 Transhumanism I ..... Thur., 10:45-12:30 pm
  - C-3 Transhumanism II ..... Fri., 10:45-12:30 pm
  - C-4 Human Genetic Engineering and Politics ..... Fri., 3:15-5:00 pm
  - C-5 Genetic Engineering and Concepts of Human Nature ..... Sat., 8:30-10:15 am

- D HEALTH POLICY AND BIOETHICS:** Roberta Herzberg
- D-1 Health Care Reform ..... Thur., 8:30-10:15 am
  - D-2 Stem Cell Research: Politics and Ethics I ..... Thur., 10:45-12:30 pm
  - D-3 Public Health and Privacy ..... Thur., 3:15-5:00 pm
  - D-4 Medical Ethics ..... Fri., 8:30-10:15 am
  - D-5 Stem Cell Research: Politics and Ethics II ..... Fri., 8:30-10:15 am
  - D-6 Social Injustice and Public Health ..... Fri., 10:45-12:30 pm
  - D-7 The Continuing Ethical and Political Relevance of the  
Belmont Report ..... Sat., 8:30-10:15 am
  - D-8 Controversies in Life and Death ..... Sat., 10:45-12:30 pm
  - D-9 Current Controversies in Death and Dying ..... Sat., 3:15-5:00 pm
  - D-10 Emerging Global Diseases ..... Sun., 8:30-10:15 am

- E ENVIRONMENT:** Odelia Funke
- E-1 Traditional Ecological Knowledge, Science, and Environmental  
Policy-making ..... Thur., 8:30-10:15 am
  - E-2 Women in the Health Environment Movement ..... Thur., 10:45-12:30 pm
  - E-3 Science Strategies in Arctic Environmental Politics ..... Thur., 10:45-12:30 pm
  - E-4 Global Warming and the Kyoto Protocol ..... Thur., 3:15-5:00 pm
  - E-5 All of the Planets, All of the Time:  
Planetary Protection in Space Exploration ..... Fri., 8:30-10:15 am
  - E-6 Effects of Toxins on Neurotransmitters:  
Violent Crime & Poor Educational Performance ..... Fri., 8:30-10:15 am
  - E-7 Criteria, Measurements, and Political Implications  
of Ecological Science ..... Fri., 10:45-12:30 pm
  - E-8 Roundtable on Science and Risk Communication ..... Fri., 3:15-5:00 pm

**E ENVIRONMENT CONTINUED:**

- E-9 Deforestation and Pollution in the Amazon and Mata Atlantica ..... Sat., 8:30-10:15 am
- E-10 Weaknesses in Existing Regulatory Approaches to Human Health  
and the Environment ..... Sat., 10:45-12:30 pm
- E-11 Making Environmental Information Available to the Public ..... Sat., 3:15-5:00 pm

**F BIOLOGY AND PHILOSOPHY: Laurette Liesen**

- F-1 Intelligent Design ..... Fri., 3:15-5:00 pm
- F-2 Darwinism, Creationism, and Intelligent Design ..... Sat., 8:30-10:15 am
- F-3 Biopolitics and Political Theory ..... Sun., 8:30-10:15 am

**G BIOSECURITY: Aleksandr Rabodzey**

- G-1 Bioterrorism ..... Thur., 3:15-5:00 pm
- G-2 Biosecurity I ..... Fri., 3:15-5:00 pm
- G-3 Biosecurity II ..... Sat., 10:45-12:30 pm

**H OTHER**

- H-1 Interdisciplinary Publishing for APLS Graduate Students ..... Thur., 3:15-5:00 pm
- H-2 Posters ..... Thur., 6:00-8:00 pm

**Social Events and Meetings**

- Student Reception ..... Thur., 5:00 pm
- Welcoming Reception and Poster Session ..... Thur., 6:00 pm
  
- APLS Executive Council Meeting ..... Fri., 7:00 am
- Cocktail Reception ..... Fri., 6:15 pm
- Banquet Dinner (followed by Keynote Speaker) ..... Fri., 7:00 pm
  
- APLS Business Meeting (open to all members) ..... Sat., 5:15 pm

## WEDNESDAY, AUGUST 31, 2005

Registration

8:00 am ó 8:00 pm

### Wednesday, 8:00 – 8:45 am – Coffee Break

Complimentary coffee, tea, and soft drinks

### Wednesday, 9:00 – 10:30 am – Plenary Roundtable

#### **A-1 TRAINING WORKSHOP ON PLANETARY PROTECTION**

Chair: **Linda Billings**, *SETI Institute*

Presenters: Overview, Science  
**John Rummel**, *NASA*

Legal and Ethical Considerations, Communication  
**Margaret Race**, *SETI Institute*

**Mary A. Voytek**, *National Research Program*

### Wednesday, 10:45 – 12:15 pm – Breakout Sessions

#### **A-2 INTELLIGENT DESIGN THEORY: TEACHING ALTERNATIVES TO EVOLUTION IN PUBLIC SCHOOL SCIENCE CLASSES**

Chair: **Neil A. Manson**, *University of Mississippi*

Presenters: **Barbara Forrest**, *Southeastern Louisiana University*

**Larry Arnhart**, *Northern Illinois University*

**Chris Mooney**, *Author of 'The Republican War on Science'*

**Neil A. Manson**, *University of Mississippi*

#### **A-3 SIMULATING DYNAMIC SYSTEMS**

Chair: **Dario Nardi**, *University of California – Los Angeles*

Presenters: **Dario Nardi**, *University of California – Los Angeles*

Why did human brains suddenly triple in size 2.5 million years ago?

**Laura Power**, *Biotype Research Corporation*

Is Evolution an Optimizing Process?  
**James H. Fetzer**, *University of Minnesota, Duluth*

**Wednesday, 12:30 – 1:45 pm – Luncheon (Box Lunch) and Plenary Speech**

**The Frankenfood Myth: How Protest and Politics Threaten the Biotech Revolution**  
**Gregory Conko**, *Senior Fellow and Director of Food Safety Policy, Competitive Enterprise Institute*

**Wednesday, 2:00 – 3:30 pm – Breakout Sessions**

**A-4           ARTIFICIAL INTELLIGENCE AND SPECIES DOMINANCE**

Chair:           **Hugo Degaris**, *Utah State University*

Presenters:   **Hugo Degaris**, *Utah State University*

**Richard Sherlock**, *Utah State University*

**A-5           THE PRECAUTIONARY PRINCIPLE**

Chair:           **Patrick Peritore**, *University of Missouri*

Presenters:   **Neil A. Manson**, *University of Mississippi*

**Wil Burns**, *Monterey Institute of International Studies*

**Gregory Conko**, *Senior Fellow and Director of Food Safety Policy*

**A-6           A VIRTUAL BIOSECURITY RESOURCE FOR SCIENCE WRITERS**

Chair:           **Robert H. Sprinkle**, *University of Maryland*

Presenters:   **Robert H. Sprinkle**, *University of Maryland*

**Ed Sylvester**, *Walter Cronkite School of Journalism & Mass Communication*

**Lynn Klotz**, *Center for Arms Control and Non-Proliferation*

**Wednesday, 3:30 – 3:45 pm – Coffee Break**

Complimentary coffee, tea, and soft drinks

**Wednesday, 3:45 – 5:00 pm – Closing Roundtable**

**A-7           WORLDS APART: BRIDGING THE JOURNALIST-SCIENTIST  
GAP**

Chair:           **Kristen Alley Swain**, *University of Kansas*

Presenters: **Kristen Alley Swain**, *University of Kansas*  
**Linda Billings**, *SETI Institute*  
**Brian Vastag**, *DC science journalist*  
**Rick Borchelt**, *Berman Institute for Bioethics, Johns Hopkins*  
**Chris Mooney**, *Author of 'The Republican War on Science'*  
**Katherine Arnold Travis**, *Journal of the National Cancer Institute*

## THURSDAY, SEPTEMBER 1, 2005

Registration 8:00 am ó 8:00 pm  
Exhibits 8:00 am ó 5:30 pm

### Thursday, 8:30 – 10:15 am – Panels and Roundtables

#### **B-1 EXPLORATIONS IN BIOBEHAVIORAL POLITICS: I**

Chair: **Phil Roberts, Jr.**

Presenters: Political Edge of Chaos: Constitutional Liberalism and Political Evolution  
**Lauren Hall**, *Northern Illinois University*

Rehabilitating Introspection  
**Phil Roberts, Jr.**

Bioethics and Biomorality, Practical Consequences for a Hegelian Distinction  
**Alin Fumurescu**, *University of Indiana-Bloomington*

#### **B-2 DEMOCRACY AND NATION-BUILDING**

Chair: **Liliana Anaya**, *American University*

Presenters: Individual Demobilization and Reintegration Process in Colombia: a Nation  
Building Policy from a National Security Perspective  
**Liliana Anaya**, *American University*

Social Dominance-Enhancing Myths: The Case of Democratization  
**Rachel Kirkland-Gaymer**, *Wayne State University*

It's Our Responsibility: Family, Violence, and Korean Civil Society  
**Sungmoon Kim**, *University of Maryland*

#### **C-1 AGRICULTURAL AND ANIMAL GENETIC ENGINEERING**

## AND POLITICS

Chair: **Patrick A. Stewart**, *Arkansas State University*

Presenters: A Study on Genetic Modification Policy Change In U.K. in terms of Iron-Triangle Model

**Myong Hwa Lee**, *Northern Illinois University*

The Case of Antibiotic Growth Promoters in Livestock Production

**Dustin Tingley**, *Princeton University*

The Role of Donors in Communicating about Agricultural GMOs: From Advocates to  
Public Issue Educators?

**William M. Rivera**, *University of Maryland*

Three Generations of Agricultural Biotechnology and Willingness to Pay For Food Labeling

**Patrick A. Stewart**, *Arkansas State University*

**William P. McLean**, *Arkansas State University*

### D-1 HEALTH CARE REFORM

Chair: **Miriam Levitt**, *Elisabeth Bruyere Research Institute*

Presenters: Health Care Reform in Canada

**Miriam Levitt**, *Elisabeth Bruyere Research Institute*

Rural Health Care Reform in the West

**Roberta Herzberg**, *Utah State University*

Converting Social Insurance into Means-Tested Welfare: The Surreptitious 'Modernization' of Medicare

**William P. Brandon**, *University of North Carolina – Charlotte*

Politics and Policy of Prison Health Care for Aging Inmates

**Cynthia Mara**, *Penn State University*

### Thursday, 10:15 – 10:45 am – Coffee Break

Complimentary coffee, tea, and soft drinks

### Thursday, 10:45 – 12:30 pm – Panels and Roundtables

### B-3 EXPLORATIONS IN BIOBEHAVIORAL POLITICS: II

Chair: **Kilian Garvey**, *University of New England*

Presenters: Anxiety, Fear, and Political Cognition

**Kilian Garvey**, *University of New England*

Biology and the -Fø Word: Why Neuroscience and Psychological Essentialism Can Revive Third Wave Feminism

**Jennifer Guon**, *Northern Illinois University*

Political Ideology and Partisan Identification: Sensation-Seeking in Young Adults

**James N. Schubert**, *Northern Illinois University*

**Margaret Curran**, *Northern Illinois University*

## **C-2 TRANSHUMANISM I**

Chair: **Larry Arnhart**, *Northern Illinois University*

Presenters: **Larry Arnhart**, *Northern Illinois University*

**Roger Barrus**, *Hampton-Sydney College*

**Ron Bailey**, *Reason Magazine*

## **D-2 STEM CELL RESEARCH: POLITICS AND ETHICS I**

Chair: **Richard Sherlock**, *Utah State University*

Presenters: **Debra Aranson**, *Biotechnology Industry Organization*

**Bruce Artim**, *Senate Judiciary Committee*

**Peter Lawler**, *President's Commission on Bioethics*

Geographic Trends in Stem Cell Research

**Aaron Levine**, *Princeton University*

## **E-2 WOMEN IN THE HEALTH ENVIRONMENT MOVEMENT**

Chair: **Charlotte Cotrill**, *US EPA*

Presenters: Case Studies

**Lois Gibbs**, *Center for Health, the Environment and Justice, Love Canal*

**Sharon Terry**, *Genetic Alliance*

## **E-3 SCIENCE STRATEGIES IN ARCTIC ENVIRONMENTAL POLITICS**

Chair: **Doug Nilson**, *Idaho State University*

Presenters: Science and Political Strategy: Analyzing the Role of Science in Interest Group



Claims on Government  
**Amy Lovecraft**, *University of Alaska, Fairbanks*

Northern Peoples, Northern Pipelines: the Science and Politics of Exploiting  
Canada's Arctic Gas  
**Ian Urquhart**, *University of Alberta, Edmonton*

Marine Mammal Policy Science: The Political Influence of Traditional Ecological  
Knowledge in Co-Management Regimes  
**Chanda Meek**, *University of Alaska, Fairbanks*

**Thursday, 12:30 – 2:00 pm – Lunch**

**Thursday, 2:00 – 3:00 pm – Plenary Lecture**

**Lois Gibbs**, Center for Health, the Environment and Justice, Love Canal  
The Effect of Toxins on Children

**Thursday, 3:00-3:15 pm – Coffee Break**

Complimentary coffee, tea, and soft drinks

**Thursday, 3:15 – 5:00 pm – Panels and Roundtables**

**D-3 PUBLIC HEALTH AND PRIVACY**

Chair: **Odelia Funke**, *EPA*

Presenters: Government's Role in Patient Identity Management  
**John Chelen, Esq.**, *Special Counsel/Senior Information Architect,  
Government of the District of Columbia*

Should Insurance Companies Know Your Genetic Information?  
**Neil A. Manson**, *University of Mississippi*

Balancing Health Privacy and Progress  
**Patrick Daly**, *US Navy Medical Corps*

**E-4 GLOBAL WARMING AND THE KYOTO PROTOCOL**

Chair:

Presenter: Discovery of Global Warming  
**Spencer Weart**, *American Institute of Physics*

**G-1 BIOTERRORISM**

Chair: **Kristen Alley Swain**, *University of Kansas*

Presenters: Credibility in a Crisis: News Sourcing in the Anthrax Attacks

**Kristen Alley Swain**, *University of Kansas*

Homeland Security for Hospitals: Front-Line Reimbursement for Bioterrorism and Public Health Emergencies

**Elizabeth Weeks**, *University of Kansas School of Law*

Detection of Weapons of Mass Destruction Using New Technologies

**Matthew D. Horton**, *Arkansas State University*

Dealing with Bio-Technology as "Risk" and "Capability": The Role of Ideas and Technologies in Security Policy

**Christian Molling**, *University Hamburg*

## **H-1 INTERDISCIPLINARY PUBLISHING FOR APLS GRADUATE STUDENTS**

Chair: **Roger Masters**, *Dartmouth College*

Presenters: **Roger Masters**, *Dartmouth College*

**Peter A. Corning**, *Institute for Complex Systems*

**John Orbell**, *University of Oregon*

**Richard Sherlock**, *Utah State University*

**Thursday, 5:00–5:30 pm – Student Reception**

**Thursday, 6:00–8:00 pm – Welcoming Reception and Poster Session**

## **H-2 POSTERS**

An overview of xenotransplantation: Implications for Aging and Public Policy

**Richard Haubner**, *College of St. Joseph*

Handedness, Fear Perception, and Political Affiliation

**Kilian Garvey**, *University of New England*

# **FRIDAY, SEPTEMBER 2, 2005**

Registration

8:00 am – 8:00 pm

Exhibits

8:00 am – 5:30 pm

**Friday, 7:00 – 8:30 am – APLS Executive Council Meeting**

**Friday, 8:30 – 10:15 am – Panels and Roundtables**

## **D-4 MEDICAL ETHICS**

Chair: **Ronald F. White**, *College of Mount St. Joseph*

Presenters: The Political Implications of Contemporary Biomedicine in Germany  
**Anja Karnein**, *Brandeis University*

Medical Ethics vs. Business Ethics: The Case of DTC Pharmaceutical Advertising  
**Ronald F. White**, *College of Mount St. Joseph*

The 108th Congress and Legislative Action on Financial Incentives for Organ Donation  
**Brian Frederick**, *Northern Illinois University*

## **D-5 STEM CELL RESEARCH: POLITICS AND ETHICS II**

Chair: **Kristen Alley Swain**, *University of Kansas*

Presenters: Political framing in news coverage of the stem cell debate  
**Kristen Alley Swain**, *University of Kansas*

Political Ethics and Stem Cell Research  
**Edward Sankowski**, *University of Oklahoma*

The Garden of Eden: Perfect Equilibrium or the Original Frankenstein Myth  
**Lene Johansen**, *University of Missouri - Columbia*

The global politics of human embryonic stem cell science  
**Amanda Dickens**, *University of East Anglia, UK*

## **E-5 ALL OF THE PLANETS, ALL OF THE TIME: PLANETARY PROTECTION IN SPACE EXPLORATION**

Chair: **Linda Billings**, *SETI institute*

Presenters: **John Rummel**, *NASA*

**Michael A. Meyer**, *NASA*

**Norine Noonan**, *College of Charleston*

## **E-6 EFFECTS OF TOXINS ON NEUROTRANSMITTERS: VIOLENT CRIME & POOR EDUCATIONAL PERFORMANCE**

Chair: **Laurel Sharmer**, *SUNY Potsdam*

Presenters: Childhood Lead Poisoning Prevention  
**Ellen Silbergeld**, *The Johns Hopkins School of Public Health*

**Dan Gallo, EPA Region 3**

Childhood Lead Poisoning Prevention  
**Herbert Needleman**

Neurology and Toxins  
**Roger Masters, Dartmouth College**

**Friday, 10:15–10:45 am – Coffee Break**

Complimentary coffee, tea, and soft drinks

**Friday, 10:45 – 12:30 pm – Panels and Roundtables**

**B-4 EVOLUTIONARY PSYCHOLOGY**

Chair: **Roberts, Phil Jr.**

Presenters: Feelings of Worthlessness  
**Roberts, Phil Jr.**

An Evolutionary Perspective of Solitude  
**Cristian Cantir, Northern Illinois University**

Facial Hair, Hair Color, and Political Impression Formation: The Influence of  
Visual Cues on Perceived Qualification for Office  
**Erik Bucy, Indiana University**

**B-5 EVOLUTION AND POLITICS**

Chair: **Albert Somit, Southern Illinois University**

Presenters: Evolution, Virtue, and Politics  
**William Dibrell, Alfred University**

Testing Ethnic Nepotism Theory  
**Michael Tweed, Northern Illinois University**

Evolution and Nation-Building: Human Nature Meets Ideology  
**Albert Somit, Southern Illinois University**  
**Steven A. Peterson, Pennsylvania State - Harrisburg**

**C-3 TRANSHUMANISM II**

Chair: **Richard Sherlock, Utah State University**

Presenters: Transhumanism, Biopolitics and the New Rights Paradigm  
**James Hughes, Trinity College**

Extra Life a Community of the Future

**Peter Houghton**, *The Heart Failure Foundation*

**D-6 SOCIAL INJUSTICE AND PUBLIC HEALTH**

Chair: **Victor W. Sidel, MD.**, *Albert Einstein College of Medicine*

Presenters: **Victor W. Sidel, MD.**, *Albert Einstein College of Medicine*

**Barry Levy, MD.**, *Tufts University School of Medicine*

News framing of the environmental justice movement

**Kristen Alley Swain**, *University of Kansas*

**E-7 CRITERIA, MEASUREMENTS, AND POLITICAL IMPLICATIONS OF ECOLOGICAL SCIENCE**

Chair: **Amy Lovecraft**, *University of Alaska, Fairbanks*

Presenters: Regulators vs. Interest Groups: The Science and Politics of Standard Setting for Arsenic and Radon

**David Shafie**, *Ohio University*

The Normative Implications of Ecological Footprinting

**Steve Vanderheiden**, *University of Minnesota, Duluth*

Virtu-based Politics and the Politicization of Ecological Science: Political Thought confronts Stability, Place, and Invasive Species

**Peter Cannavo**, *Hamilton College*

The Power of Story: Comparing public discourse on genetically modified crops of Europe and India

**Anjali Bhat**, *International Food Policy Research Institute*

**Regina Birner**, *International Food Policy Research Institute*

**Friday, 12:30 – 2:00 pm – Lunch**

**Friday, 2:00 – 3:00 pm – Plenary Lecture**

**Barry Levy**, Tufts University School of Medicine  
"Social Injustice and Public Health"

**Friday, 3:00 - 3:15 pm – Coffee Break**

Complimentary coffee, tea, and soft drinks

**Friday, 3:15 – 5:00 pm – Panels and Roundtables**

**B-6 WHY PEOPLE BECOME SUICIDE TERRORISTS**

Chair: **Bradley Thayer**, *Missouri State University*

Presenters: What Do We Know About Suicide Bombing? Where Do We Go From Here?  
**Veronica Ward**, *Utah State University*

Connecting the Dots Between Sociality and Suicide Terrorism  
**Nancy E. Aiken**, *Independent*

#### **C-4 HUMAN GENETIC ENGINEERING AND POLITICS**

Chair: **Sonia E. Miller**, *S.E. Miller Law Firm & Converging Technologies Bar Association*

Presenters: The POP in Striving for Perfection: Politics, Optics, and Perceptions  
**Sonia E. Miller**, *S.E. Miller Law Firm & Converging Technologies Bar Association*

Conserving Genes: The Biopolitics of Cloning in Species Recovery  
**Amy Lynn Fletcher**, *University of Canterbury*

The Political Implications of Human Genetic Engineering  
**Anja Karnein**, *Brandeis University*

Issue-network Analysis of Korean Therapeutic Cloning Policy Making Process  
**Myong Hwa Lee**, *Northern Illinois University*

#### **E-8 ROUNDTABLE ON SCIENCE AND RISK COMMUNICATION**

Chair: **Linda Billings**, *SETI Institute*

Presenters: **Linda Billings**, *SETI Institute*

**Rick Borcheldt**, *John Hopkins University*

**Susanna Priest**, *University of South Carolina*

**Charlotte Schell**, *Portland State University*

#### **F-1 INTELLIGENT DESIGN**

Chair: **Richard Sherlock**, *Utah State University*

Presenters: Intelligent Design: A Middle Ground  
**Richard Sherlock**, *Utah State University*

Intelligent Design and the Politics of the Life Sciences: Leibniz in the 21st Century

**Francis Moran**, *New Jersey City University*  
**John J. Porcaro**

**Chris Mooney**, *Author of 'The Republican War on Science'*

**The Problem of Methodological Materialism**  
**Angus Menugue**, *Concordia University Wisconsin*

## **G-2 BIOSECURITY I**

Chair: **Aleksandr Rabodzey**, *MIT*

Presenters: **Russia's Role in Building International Biosecurity?**  
**Aleksandr Rabodzey**, *MIT*

**Biosecurity: Bridging the Gap Between the Life Sciences and National Security**  
**Gregory D. Koblentz**, *MIT*

**Deconstructing the Threat of Bioterrorism: New Insights from the Field of Science and Technology Studies**  
**Kathleen M. Vogel**, *Cornell University*

**The Problem of Biological Weapons**  
**Milton Leitenberg**, *University of Maryland*

**Renolds M. Salerno**, *Sandia National Labs*

### **Friday, 6:15 – 9:15 pm – Reception, Banquet, and Keynote Address**

Pre-Banquet Reception (cash bar) 6:15 pm  
Banquet (by ticket) 7:00 pm

**Keynote Address – Napoleon Chagnon** 8:00 pm  
**University of Santa Barbara**  
**"Warfare Among the Yanomamo"**

## **SATURDAY, SEPTEMBER 3, 2005**

Registration 8:00 am ó 8:00 pm  
Exhibits 8:00 am ó 5:30 pm

### **Saturday, 8:30 – 10:15 am – Panels and Roundtables**

## **C-5 GENETIC ENGINEERING AND CONCEPTS OF HUMAN NATURE**

Chair: **Robert Wachbroit**, *University of Maryland*

Presenters: **Genetic Engineering and Three Concepts of Human Nature**  
**Robert Wachbroit**, *University of Maryland*

Genetic Engineering and the Human Place in Nature  
**Mark Sagoff**, *University of Maryland*

Genetic Enhancement of Core Characteristics  
**David Degrazia**, *George Washington University*

Genetic Engineering and Emotional Capacity  
**David Wasserman**, *University of Maryland*

Genetic Engineering and the Distinctively Human  
**Samual Kerstein**, *University of Maryland*

## **D-7 THE CONTINUING ETHICAL AND POLITICAL RELEVANCE OF THE BELMONT REPORT**

Chair: **Stanley Rothman**, *Smith College*

Organizer: **Edward Sankowski**, *University of Oklahoma*

Presenters: The Institutional Review Board for Human Subjects: Implications for Academic Institutions  
**Richard Haubner**, *College of Mount St. Joseph*

The Continuing Ethical and Political Relevance of the Belmont Report  
**Edward Sankowski**, *University of Oklahoma*

IRB Mission Drift: The "Common Rule," Social Science Education, and the "Nanny State"  
**Ronald F. White**, *College of Mount St. Joseph*

## **E-9 DEFORESTATION AND POLLUTION IN THE AMAZON AND MATA ATLANTICA**

Chair: **Eduardo Lustoza**, *Prof Meio Ambiente Universidade Santa Cecilia, Brasil*

Presenters: Mata Atlantica - Deforestation, Pollution, and Afforestation  
**Eduardo Lustoza**, *Prof Meio Ambiente, Universidade Santa Cecilia, Brasil*

Pollution, deforestation and Human uses of the Amazon  
**Leonardo Sampaio**, *Prof Meio Ambiente, Universidade Santa Cecilia, Brasil*

The Caatinga Biome: A Highly Productive Brazilian Drylands Ecosystem  
**Roberto Gilson**, *Executive Secretary, Secretary of Sciences, Technology and Environment, of the State of Pernambuco*  
**Alexandra Sobreira De Moura**, *Secretary of Sciences, Technology and Environment, of the State of Pernambuco*

Costa Rica's Biodiversity: Conservation or Destruction



**William Furlong**, *Utah State University*

Discussant: **Patrick Peritore**, *University of Missouri*

**F-2 DARWINISM, CREATIONISM, AND INTELLIGENT DESIGN**

Chair: **Donald Tannenbaum**, *Gettysburg College*

Presenters: Believers and Disbelievers in Evolution Science  
**Allan Mazur**, *Syracuse University*

Individual Differences and Belief in Evolution  
**Chris Niebauer**, *Slippery Rock University*

Learning about Evolution  
**E. Margaret Evans**, *University of Michigan*

Intelligent Design and other glad tidings for K-12  
**Paul Gross**, *University of Virginia*

**Saturday, 10:15 – 10:45 am – Coffee Break**

Complimentary coffee, tea, and soft drinks

**Saturday, 10:45 – 12:30 am – Panels and Roundtables**

**B-7 TRADITIONAL AND BIOPOLITICAL REFLECTIONS ON TERRORISM**

Chair: **Bradley Thayer**, *Missouri State University*

Presenters: Force Protection and Terrorism  
**Nicholas Drummond**, *Missouri State University*

Hezbollah's Terrorism in Lebanon  
**Nicholas Gicinto**, *Missouri State University*

Talking to Terrorists: The Role of Negotiation in the War on Terror  
**Alan Steinberg**, *Missouri State University*

**D-8 CONTROVERSIES IN LIFE AND DEATH**

Chair: **Roberta Herzberg**, *Utah State University*

Presenters: Changes in Translation: Hospice from the UK to the US and to Russia  
**Susan Behuniak**, *LeMoyne College*

Debating Death in a World of Limited Resources  
**Roberta Herzberg**, *Utah State University*

Medical Marijuana and PAS in Federal Courts: How *Raich v. Ashcroft* Could End an End of Life Option  
**Arthur Svenson**, *University of Redlands*

Pigs Don't Have Passports: Explaining Policy Design for Cross-Species Transplants in the United States and New Zealand  
**Amy Lynn Fletcher**, *University of Canterbury*

## **E-10 WEAKNESSES IN EXISTING REGULATORY APPROACHES TO HUMAN HEALTH AND THE ENVIRONMENT**

Chair: **Roger Masters**, *Dartmouth College*

Presenters: Toxins and Behavior: Why Academic Refusal to Study Biopolitics Harms Public Policy  
**Roger Masters**, *Dartmouth College*

Environmental Health Regulatory Process: The Need for a New Approach  
**Stan Caress**, *University of West Georgia*

Innovative Strategies for Pollution Control  
**Dan Fiorina**, *EPA*

Mercury Rising: Fetal Health and Toxic Politics  
**Deirdre Condit**, *Virginia Commonwealth University*  
**J. Clifford Fox**, *Virginia Commonwealth University*

## **G-3 BIOSECURITY II**

Chair: **Aleksandr Rabodzey**, *MIT*

Presenters: Universities and Academic Research in the Era of High Security  
**Nancy D. Connell**, *University of Medicine and Dentistry of New Jersey*  
**Brendan S. McCluskey**, *University of Medicine and Dentistry of New Jersey*

An Integrated Biodetection System Approach to Counter Biological Attack  
**David Siegrist**, *Potomac Institute for Policy Studies*

Impact of Infectious Diseases on National Security Decisionmaking  
**Bridget Lange**, *University of Canterbury*

Transparency and Restriction

Biosecurity and the Social Ambivalence of Scientific Knowledge

**Petra Dickmann**, *Robert Koch Institute*

**Saturday, 12:30 – 2:00 pm – Lunch**

**Saturday, 2:00 – 3:00 pm – Plenary Lecture**  
**Milton Leitenberg**, *University of Maryland*

**Saturday, 3:00 - 3:15 pm – Coffee Break**

Complimentary coffee, tea, and soft drinks

**Saturday, 3:15 – 5:00 pm – Panels and Roundtables**

**B-8 BIOLOGY AND GROUP COOPERATION & CONFLICT**

Chair: **Rob Sprinkle**, *University of Maryland*

Presenters: A Century Against The Cults  
**Rob Sprinkle**, *University of Maryland*

Testing Alternative Explanations for Enduring Rivalries  
**William Long**, *Georgia Institute of Technology*

Evolution of Altruism/group Solidarity through Warfare  
**John Orbell**, *University of Oregon*  
**Oleg Smirnov**, *University of Oregon*  
**Douglas Kennett**, *University of Oregon*  
**Holly Arrow**, *University of Oregon*

The benefits of reciprocity in a sequential public goods game: Field evidence and a new model  
**Tim Johnson**, *Max Planck Institute, Berlin*

**B-9 DARWINIAN ANTHROPOLOGY: HUMAN SOCIAL ORGANIZATION**

Chair: **Wayne E. Allen**, *Minnesota State University*

Presenters: Involution: A new theory of social change for the biological, behavioral, and social sciences  
**Wayne E. Allen**, *Minnesota State University*

Darwinian evolutionary theory and social behavior: Analysis of cooperative networks among indigenous Siberian minorities in the Taimyr Autonomous Okrug, Russia  
**John P. Ziker**, *Boise State University*

A New State System Paradigm  
**Luai Bashir**, *Minnesota State University*

Oil and Involution  
**Louis Schwartzkopf**, *Minnesota State University*

Discussant: **Napoleon Chagnon**, *University of California – Santa Barbara*

## **D-9 CURRENT CONTROVERSIES IN DEATH AND DYING**

Chair: **John Strate**, *Wayne State University, Detroit*

Presenters: Challenging the Consensus of PVS: The Schiavo Case and Posturing to Public Attention  
**John Strate**, *Wayne State University, Detroit*

Some Questions About the Terri Schiavo Case  
**William Saunders**, *Family Research Center*

**Andrew Imparato** *Association of People with Disabilities*

In the Aftermath: Burdens of Proof in the Right to Die  
**Fred Frohock**, *University of Miami*

## **E-11 MAKING ENVIRONMENTAL INFORMATION AVAILABLE TO THE PUBLIC**

Chair: **Sean Moulton**, *OMB Watch*

Informed Communities: Collaborative Training Programs to Advance Health and Environmental Justice  
**Terry Greene**, *JSI*

Information and Involvement in Decisions Concerning Contaminated Sites  
**Judith Bradbury**, *Pacific Northwest National Laboratory*

Occupational Health and Access to Chemical Testing Information  
**Brent Gibson, Dr.**, *USHUS*

Providing Time-relevant, Local Environmental Monitoring Information  
**Denice Shaw**, *EPA*

Discussant: **Sean Moulton**, *OMB Watch*

**Saturday, 5:15 – 6:00 pm – APLS Business Meeting**  
APLS Business Meeting (for all members)

**SUNDAY, SEPTEMBER 4, 2005**

Registration

8:00 am ó 10:30 am

**Sunday, 8:30 – 10:15 am – Panels and Roundtables**

**B-10 NEUROSCIENCES, PHYSIOLOGY, AND POLITICS**

Chair: **Steven A. Peterson**, *Pennsylvania State, Harrisburg*

Presenter: Decision- Making, the Brain, and Evolution  
**Steven A. Peterson**, *Pennsylvania State, Harrisburg*

Politicians under the Microscope: Microanalysis of the First Bush-Kerry Debate  
**Patrick A. Stewart**, *Arkansas State University*  
**Jonathan "Chad" Moseley**, *Arkansas State University*

Communicational States Approached via Across-Species Comparisons  
**Russell Gardner**

Adult Neuroplasticity and Social Science Theory  
**William Long**, *Georgia Institute of Technology*

**D-10 EMERGING GLOBAL DISEASES**

**TBA**

**F-3 BIOPOLITICS AND POLITICAL THEORY**

Chair: **Patrick Peritore**, *University of Missouri*

Holistic Darwinism: The New Evolutionary Paradigm  
**Peter Corning**, *Institute for the Study of Complex Systems*

Natural Right and Evolution: Reclaiming the Natural Right of Reproduction  
**Lauren Hall**, *Northern Illinois University*

Moral and Political Philosophy  
**James Rutherford**

Animal Personhood: Some Lockean Considerations  
**Edward Fried**, *Rice University*

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