ASSOCIATION FOR POLITICS and THE LIFE SCIENCES

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

"Warfare Among the Yanomano"

Plenary Speakers:

**Gregory Conko, Competitive Enterprise Institute**
Wed., 12:30 pm

"The Frankenfood Myth: How Protest and Politics Threaten the Biotech Revolution"

**Lois Gibbs, Center for Health, the Environment and Justice, Love Canal**
Thurs., 2:00 pm

"The Effect of Toxins on Children"

**Barry Levy, Tufts University School of Medicine**
Fri., 2:00 pm

"Social Injustice and Public Health"

**Milton Leitenberg, University of Maryland**
Sat., 2:00 pm

"Assessing Biological Weapons and the Bioterrorism Threat"

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., 3:15-5:00 pm
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

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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

BIOLOGY AND PHILOSOPHY: Laurette Liesen
F-1 Intelligent Design ......................................................... Fri., 3:15-5:00 pm
F-2 Darwinism, Creationism, and Intelligent Design ....................... Sat., 3:15-10:15 am
F-3 Biopolitics and Political Theory ...................................... Sun., 3:15-10:15 am

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

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 – 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 – 8:00 pm  
Exhibits 8:00 am – 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 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


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 – 8:00 pm
Exhibits 8:00 am – 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**
  **Ronald F. White, College of Mount St. Joseph**

**E-9**

**DEFORESTATION AND POLLUTION IN THE AMAZON AND MATA ATLANTICA**

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

Presenters:
- Mata Atlantica - Deforestation, Pollution, and Afforestation
  **Eduardo Lustozo, 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*
Assessing Biological Weapons and the Bioterrorism Threat

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 – 10:30 am

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

B-10 \textbf{NEUROSCIENCES, PHYSIOLOGY, AND POLITICS}

\textbf{Chair:} \textit{Steven A. Peterson, Pennsylvania State, Harrisburg}

\textbf{Presenter:} Decision-Making, the Brain, and Evolution
\textit{Steven A. Peterson, Pennsylvania State, Harrisburg}

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

Communicational States Approached via Across-Species Comparisons
\textit{Russell Gardner}

Adult Neuroplasticity and Social Science Theory
\textit{William Long, Georgia Institute of Technology}

D-10 \textbf{EMERGING GLOBAL DISEASES}

\textbf{TBA}

F-3 \textbf{BIOPOLITICS AND POLITICAL THEORY}

\textbf{Chair:} \textit{Patrick Peritore, University of Missouri}

Holistic Darwinism: The New Evolutionary Paradigm
\textit{Peter Corning, Institute for the Study of Complex Systems}

Natural Right and Evolution: Reclaiming the Natural Right of Reproduction
\textit{Lauren Hall, Northern Illinois University}

Moral and Political Philosophy
\textit{James Rutherford}

Animal Personhood: Some Lockean Considerations
\textit{Edward Fried, Rice University}
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