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**2006 ANNUAL MEETING**

**Society for Social Studies of Science**

**November 1-5, 2006**

The Empire Landmark  
Vancouver, B.C, Canada

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**"SILENCE, SUFFERING AND SURVIVAL"**

This year we have two streams: New Media and Working Sessions. New Media Sessions address issues of new media through traditional and non-traditional media. Working Sessions are designed to allow more time for discussion than other 4S sessions. Each of the papers can be read in advance, at <http://echo.gmu.edu/working/> Look for papers by author name, title, session number, or session title. Presenters will give only summaries of their papers, leaving as much time as possible for discussion. The working session Lunchtime roundtable by Peter Taylor has the following link for pre-reading, <http://www.faculty.umb.edu/pjt/4S06.html>

Dear 4S Community,

I would publicly like to thank you for your patience with the organization of this year's conference and your strong (and growing) support of the 4S community. Thank you. In addition, this program would not have been possible without the hard work and dedication of the program committee: Deborah Blizzard, Rochester Institute of Technology; Linda Layne, Rensselaer Polytechnic Institute; Steve Sawyer, Pennsylvania State University; Elizabeth P. Shea, Northeastern University; Wes Shrum, Louisiana State University; Sergio Sismondo, Queen's University; S. Leigh Star, Santa Clara University and Steven A. Walton, Pennsylvania State University. Thank you.

Sincerely, W.K. Bauchspies  
Program Chair 4S 2006 Vancouver.

**We mourn the loss of our colleague, Dr. Joanna S. Ploeger.**

Dr. Joanna S. Ploeger, 39, died on July 19, 2006, in Berkeley, California. She was a frequent attendee of the 4S conference, past president of the Association for the Rhetoric of Science and Technology, and a member of the Board of Directors of the Project on the Rhetoric of Inquiry (POROI) at the University of Iowa. Her scholarship focused on the rhetoric of science, especially science at the national labs. She was a valued friend, mentor, and colleague. Her energy and enthusiasm will be sorely missed.

Expressions of sympathy from her many friends might take the form of donations to an educational fund for her son, Thomas William (born on June 8, 2006). Donations can be sent to Thomas William Ploeger (care of Robert Winovich), 2702 Virginia Street, Berkeley, CA 94709.



**Wednesday 1:00-3:00pm**

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**PUBLICATIONS COMMITTEE (PAVILION 3 [E])**

**Wednesday 3:00-6:00PM**

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**COUNCIL (PAVILION 3 [E])**

**Wednesday 2:00-5:30PM**

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**REGISTRATION (FOYER BY THE PAVILION AND BALLROOMS)**

**Wednesday 6:00 – 8:15PM Pavilion Room**

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**1976 AND ALL THAT...**

Organizer: Sal Restivo, Rensselaer Polytechnic Institute

Chair: Susan Cozzens, Georgia Tech

**Introduction: Susan Cozzens, Georgia Tech**

**The Elusive Sociological Imagination and the Pursuit of the Hard Case**

Sal Restivo, Rensselaer Polytechnic Institute

**'... this is not talking about science as I understand it': (Re)Directing Discussion**

Marcel LaFollette, Johns Hopkins

**STS and science: Where are we?**

Harry Collins, Cardiff University

**Postsocial**

Karin Knorr Cetina, University of Chicago

**Discussants: Trevor Pinch, Cornell University; Susan Cozzens, Georgia Tech; and Alondra Nelson, Yale University**

**Wednesday 8:30 pm – 10 pm Pavillion Room**

**Junior-Senior Mingling**

Organizers: Gwen Ottinger, UVA; Jane Summerton, Linköping University and VTI; Jason Delborne, student rep for 6S (Student Section of 4S); Matt Harsh, student rep for 6S (Student Section of 4S)

*This will be the first of two designated times to connect with your mentor/mentee for the pilot mentoring program organized by 6S (Student Section of 4S). Please note that those who have not signed up for the mentor program are still welcome to attend this opportunity for informal conversation and connections.*

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**1.1A – PRODUCING FACTS FROM CASES – STUDYING OTHERS, OBSERVING OURSELVES**

Organizers: Martina Merz, University of Lausanne and EPA St. Gallen and Mary Morgan, LSE and University of Amsterdam

Chair: Martina Merz

**When ‘Facts’ Travel Free?**

Mary Morgan, LSE and University of Amsterdam

**Cases as a Means for Comparing and Transporting Facts Across Domains: Reasoning in Model Organism Research**

Rachel Ankeny, University of Sydney

**Making Statistical ‘Facts’ from Ethnographic Cases**

Florence Weber, ENS-CEE, Paris

**Probing a Multi-Case Studies Approach: How to Produce ‘Facts’ from Comparison in STS**

Martina Merz, University of Lausanne and EMPA St. Gallen

**Silencing patients: the subtle reconstruction of patienthood in primary health care practice**

Kath Checkland, Ruth McDonald, Stephen Harrison, Martin Marshall and Stephen Campbell, Manchester University

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**1.1B –THE ENCOUNTER OF REPRODUCTIVE TECHNOSCIENCE AND LOCAL BODIES IN EAST ASIA**

Organizers: Chia-Ling Wu, National Taiwan University and Daiwie Fu, National Tsing-Hua University

Chair: Chia-Ling Wu

**The Menopause Medicalized and Modernized in East Asia: the case of Taiwan**

Daiwie Fu, National Tsing-Hua University

**At the Back-Stage of Prenatal Care: Japanese Ob-gyns Negotiating Prenatal Diagnosis**

Tsipy Ivry, University of Haifa

**The Social Control of IVF technology and the Social Definition of Reproduction in Korea**

Jung Ok Ha, Seoul National University

**Looking Beyond a Scar: Constructing Modernity and Nature through Childbirth in Contemporary China**

Jiang-Fang Zhu, University of Minnesota

**Configuring the Gender Identities of Users in the Development and Decline of Donor Insemination in Taiwan**

Chia-Ling Wu, National Taiwan University

**Discussant: Nelly Oudshoorn, University of Twent**

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**1.1C –ENGINEERING STUDIES III**

Chair: Gary Downey, Virginia Tech

**Is It Science or Is It Engineering?: Struggles over Identity and Education in the Making of the New Discipline of Ecological Engineering**

Sarah Hunt, University of Georgia

**Defining Academic “Quality”: The Gendered Effects of Admissions Criteria in Doctoral CS and CE Programs**

Holly Lord, University of Virginia

J. McGrath Cohoon, University of Virginia

**Reaching for the stars? - a critical survey of approaches to systems design in engineering and their limitations**

Ulrik Jørgensen, Technical University of Denmark

**Drawing the line: how engineering faculty describe what “counts” as engineering**

Alice Pawley, University of Wisconsin-Madison

**Gender in engineering design: Continuities and Transformations in the conceptions of mechanical engineering**

Tanja Paulitz, Technical University of Berlin

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**1.1D –COMPUTER SILENCE**

Chair: TBA

**Scientific Communities in Chile in the Internet Age: Dependency and Global Science**

Rick Duque, Louisiana State University

Wes Shrum, Louisiana State University

Omar Barriga, Universidad de Concepcion; Guillermo Henriquez, Universidad de Concepcion

**How Not to Suffer in Silence over Assaults on Speech in the Academy: Internet Activism**

Deborah Gordon, Wichita State University

**Digital Life Lines: Exploring the role of Information and Communication Technologies (ICTs) in regenerating isolated coastal communities**

Singleton Carrie, University of Teesside

Eileen Green, University of Teesside

**Technology and the Limits of Free Expression: Censorship in a Community Weblog**

Robin Fletcher, Elizabeth Keating, Josh Iorio, and Patrick Williams, University of Texas at Austin

**More than words...: A multimodal study of communicative interaction**

Suzanne de Castell, Simon Fraser University

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**1.1E – HOW CENTRAL ARE ETHICAL VALUES IN SCIENTIFIC REASONING?**

Organizer: Evelyn Brister, Rochester Institute of Technology

Chair: Evelyn Brister

**Ethical Judgments and Measuring Race in Epidemiology**

Kristen Intemann, Montana State University

**Valuing Biomedical Sciences: The Need for Scientists to Engage in Ethical Reasoning**

Inmaculada de Melo-Martín, Cornell College of Medicine

**Models of Mothering: High Infant Mortality and Activist Anthropology**

Sharon Crasnow, Riverside Community College

**Historical Range of Variability Concepts in Ecology: Value Neutrality versus Utility**

D. Evelyn Brister, Rochester Institute of Technology

**Silent Morality and Routinised Action. On the Routines of Animal Experimentation in Immunological Research**

Daniel Bischur, University of Salzburg

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**1.1F – CHALLENGES OF PUBLIC ENGAGEMENT IN THE AGES OF GENOMICS**

Organizer: Edna Einsiedel, University of Calgary

Chair: Edna Einsiedel

**Dethroning ethics and social experts? Representation and legitimacy in public engagement**

Michael Burgess, University of British Columbia

**Genetics on stage: stimulating and assessing public engagement in the development of health policy on preimplantation genetic diagnosis**

Magdalena Kazubowski-Houston, University of British Columbia

Jeff Nisker, University of Western Ontario

Susan Cox, University of British Columbia

**Structure versus agency: institutional arrangements for public engagement and their limits**

Edna Einsiedel, University of Calgary

**The thing about politics: notes toward a theory of citizenship for technological society**

Darin Barney, McGill University

**Democratizing Science and Technology: How to be critical?**

Yannick Barthe, Ecole des Mines de Paris

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**1.1G – TOWARDS THE NEW GOVERNANCE OF BIOBANKS**

Organizers: Klaus Hoeyer, University of Copenhagen and Herbert Gottweis, University of Vienna

Chair: Klaus Hoeyer

**Biobank Governance in Comparison: Success and Failure**

Herbert Gottweis, University of Vienna

**Research populations: Spotlights on biobank governance in Israel**

Barbara Prainsack, University of Vienna

**Biological markers: governing experimental protocols in laboratory**

Andrew Webster, University of York

Lena Eriksson, University of York

**Ethics as an organisational recipe**

Klaus Hoeyer, University of Copenhagen

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**1.1H – HOW SCIENCE DEALS WITH POLICY QUESTIONS: ON SCIENCE-BASED EXPERTISE FOR POLICYMAKING, CASE STUDIES FROM THE LOWLANDS**

Organizer: Stans van Egmond, Erasmus University Rotterdam

Chair: Annick de Vries, University of Twente

**How uncertainties are dealt with in policy advices: differences and similarities in Dutch expert institutes**

Annick de Vries, School of Business, Administration and Technology, University of Twente, the Netherlands

**Caught between Economics and Epidemiology', on boundaries between science and policy in Dutch public health**

Stans van Egmond, Institute for Health Policy and Management, EMC, Erasmus University Rotterdam, The Netherlands

**What do models do? Modelling science-policy boundary work**

Ragna Zeiss, Faculty of Social Sciences, VU, The Netherlands

**Transnational boundary work: Integrated impact assessments in the European Union**

Udo Pesch, Institute for Environmental Studies, VU, the Netherlands

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**1.1I – TECHNOLOGIES OF TERROR, MILITARY SURVEILLANCE, AND WAR  
[NEW MEDIA]**

Chair: Petrina Stephen, University of British Columbia

**Scientific Ammunition to Fire at Congress:” Intelligence, Reparations, and the U.S. Army Air Forces, 1944-1947”**

Petrina Stephen

**Perverse Functionality: How TerrorTech Confounds the Neutrality of Non-humans**

Daniel Caeton , California State University, Fresno

**New Media Iconography and the Propagation of Semiotics as Weapons of War**

Steven John Thompson, Clemson University

**The Omniscient Eye: Satellite Imagery and Battlespace Awareness in Imagery Intelligence**

Chad Harris, University of California, San Diego

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**1.1K –BRAVE NEW TECHNOLOGY - THE QUIET MOVE TOWARD HUMAN ENHANCEMENT**

Organizer: Ullica Segerstrale, Illinois Institute of Technology

Chair: Ullica Segerstrale

**The human person in transition: Anticipating the impact of emerging technologies in medicine**

Debra Bennett-Woods, Regis University

**From Silent Ugly Duckling to Svelte Techno-Swan: Weight Loss Surgery and Compulsory Biomedicalized Aesthetics**

Kathryn Morgan, University of Toronto

**Genius as a commodity: cognitive enhancement technology and scenarios of its social effects**

Anders Sandberg, Oxford University.

**Hype, hope, or horror - the public and emerging technologies**

Michele Mekel, Illinois Institute of Technology

**Human nature is not what it used to be: Scientific and moral/political views on human engineering**

Ullica Segerstrale, Illinois Institute of Technology

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**1.1L – RISK PERCEPTIONS AND SOCIAL RESPONSES TO EMERGING NANOTECHNOLOGIES**

Organizers: Barbara Herr Harthorn, UC Santa Barbara and Tee Rogers-Hayden, Cardiff University

Chair: Barbara Herr Harthorn

**Risk and Responsibility: How Nanoscientists and Engineers View the Nano-enterprise**

Barbara Herr Harthorn, UC-Santa Barbara

Hillary Haldane, UC-Santa Barbara

**Expert Judgments of Public Perceptions: How Well Do They Know their Audience?**

Terre Satterfield, Univ. of British Columbia

Milind Kandlikar, Univ. of British Columbia

**Deliberating Emerging Nanotechnologies in the UK and Beyond**

T. Rogers-Hayden, Cardiff University

N. Pidgeon, Cardiff University

**The Media Response to Nanotechnology Risk: Searching for a Frame**

Bruce Bimber, UC-Santa Barbara

David Weaver, UC-Santa Barbara

**Reporting the Risks of Nanotechnology in the Media**

Sharon M. Friedman, Lehigh University

Brenda P. Egolf, Lehigh University

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**1.1M – DETAILING AND DISCIPLINING: PRODUCING THE MATERIAL ELEMENTS OF NATURAL AND SOCIAL ORDERS**

Organizers: Janet Vertesi, Cornell University and Michael Lynch, Cornell University

Chair: Janet Vertesi

**Counting Things and People: the Practices and politics of counting**

Aryn Martin, York University

Michael Lynch, Cornell University

**Mimesis and Indexicality: An Investigation of the Topical Contexture of Graphical Recording**

Robert Brain, University of British Columbia

**Drawing As: Image Processing on the Mars Rover Mission**

Janet Vertesi, Cornell University

**Discussant: Simon Schaffer, University of Cambridge**

**Coffee Break:** For those participating in the mentor program, please come to this coffee break to connect with your mentor/mentee in person.

Thursday **10:15-11:45AM**

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**1.2A – NEW REGIMES OF EVIDENCE IN BIOMEDICINE: STAGING PROOFS, MANAGING DATA**

Organizers: Alberto Cambrosio, McGill University and Peter Keating, University of Quebec

Chair: Alberto Cambrosio

**Scientists and policymakers at work: Examining the governance of epistemic conversations and productions in a genetics network**

P. Lehoux, University of Montreal

J-L. Denis, University of Montreal

G. Daudelin, University of Montreal

**Staging proofs in biomedicine: comparing two bioclinical collectives in oncogenetics and psychiatry genetics**

Pascale Bourret, Université de la Méditerranée

Vololona Rabearisoa, Écoles des Mines

**Who's Minding the Data? Data Managers and Data Monitoring Committees in Clinical Trials**

Peter Keating, University of Quebec

Alberto Cambrosio, McGill University

**Tibet's 'Science of Healing': Between the Defense and Transformation of a 'Traditional' Praxis**

Sienna Craig, Dartmouth College

**Discussant: Steven Epstein, University of California, San Diego**

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**1.2B – FEMINISMS, AFFECTS, AND DISPLACED WAYS OF KNOWING IN SCIENCE**

Organizers: Natasha Myers, MIT, María Puig de la Bellacasa, Université Libre de Bruxelles/University of California, Santa Cruz and Mary Weaver, University of California, Santa Cruz

Chair: Natasha Myers

**Who cares about caring? Looking after care in scientific practices**

María Puig de la Bellacasa, Université Libre de Bruxelles

**Molecular Affects: Animations and Intra-animacy among Protein Modelers**

Natasha Myers, MIT

**Affective Materialities and Transgender Embodiments**

Mary Weaver, UC Santa Cruz

**Discussant: Rebecca Herzig, Bates College**

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**1.2C – NEO-LIBERALISM: THE HIDDEN POLITICS OF SCIENCE STUDIES?**

Organizer: Steve Fuller, University of Warwick

Chair: Steve Fuller

**Neo-Liberalism: The Making of a Reactionary Modernist Project**

Philip Mirowski, University of Notre Dame

**From the Spirit of Capitalism to the Capital of Spiritualism: The Discovery Institute as a Neo-Liberal Institute for Our Times**

Steve Fuller, University of Warwick

**Can Science Studies Come to Terms with Neo-Liberalism?**

Francis Remedios, Department of Justice, Province of Alberta

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**1.2D – THE SENSORY EXTENSIONS OF NASA SCIENCE: HARDWARE AND THE HUMAN**

Organizer: Cynthia Schairer, University of California, San Diego

Chair: Cynthia Schairer

**Astronauts are Interesting: Cyborgs, Subjects and Astrotechnics**

Matthew Shindell, University of California, San Diego

**Diffused Embodiment, Extended Visions: The Prosthetics of Martian Geology**

Cynthia Schairer, University of California, San Diego

**Touching the Void: Sensory Exploration of Interplanetary Space**

Emma Johnson, University of California, San Diego

**Discussant: Steven J. Dick, NASA Headquarters**

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**1.2E – INTERROGATING FEAR: BIOTERROR, THE ENVIRONMENT AND THE CONSTRUCTION OF THREATS**

Organizer: Banu Subramaniam, University of Massachusetts, Amherst

Chair: Banu Subramaniam

**Pernicious Peasants and Angry Young Men: The Strategic Demography of Threats**

Betsy Hartmann, Hampshire College

**The Obligation of Reluctance: Natives, Aliens and the Politics of Immigration**

Banu Subramaniam, UMass Amherst

**Emerging Cartographies of Environmental Danger: Africa Ebola, and AIDS**

Charles Zerner, Sarah Lawrence College

B. Barbara, Sarah Lawrence College

Bertram J. Cohn, Sarah Lawrence College

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**1.2F – LAW: ABOVE AND BELOW SCIENCE**

Chair: TBA

***Science in the lawyer's office: Reconsidering lawyer-expert relations in the preparation of expert reports***

Gary Edmond, The University of New South Wales

**Silencing [Some] Science in Law: Re-Visiting “Manufactured Uncertainty”**

David Caudill, Villanova University School of Law

**Metrics, Technics and “Democratization”: Democracy as Technoscience in El Salvador**

Jason Cross, Duke University

**Toxic Tort Litigations and its absents: Virtual Victims of Agent Orange**

Tak Wesgi, McGill University

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**1.2G – REVEALING THE LOCAL: ENVIRONMENTAL KNOWLEDGES, INSTITUTIONS, AND IMAGINARIES**

Organizer: Candis Callison, MIT

Chair: Candis Callison

**Becoming Expert: American Indians, Farmers, and Environmental Conflict in Oregon**

Nick Buchanan, MIT

**Reframing the North: putting a face on climate change**

Candis Callison, MIT

**From climate crisis to adaptation policy: the managerial imperative for Tuvalu not to sink**

Jasmin Sydee, University of Wollongong

**Greening the Dragon: local, traditional, and global imaginaries at work in China's environmental governance**

Erich Schienke, Pennsylvania State University

**Discussant: Michael M. J. Fischer, MIT**

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**1.2H – CONTROVERSIES LEFT AND RIGHT [WORKING SESSION]**

Chair: Chikako Takeshita, University of California, Riverside

**New Forms of Expertise: Civic or Neoliberal?**

Melanie DuPuis, UC Santa Cruz

**The Making and Unmaking of Dissent in Economics: Radical Political Economics, 1968-1978**

Tiago Mata, University College London

**A Critical Look at Government Statistics on Income and Cost of Living**

Hugh Peach, H. Gil Peach & Associates LLC

**Sciencing Human Rights: Agent Orange toxic tort litigation and Michael Ondaatje's Anil's Ghost**

Chikako Takeshita, University of California, Riverside

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**1.2I – VISUALIZING HIDDEN PROCESSES: HUMAN-ANIMAL WORLDS ON CAMERA [NEW MEDIA]**

Chair: Rachel Mayeri, Harvey Mudd College

**Buffet: All You Can Eat Las Vegas**

Hillevi Loven, Hunter College

Natasha Schull, Columbia University

**Non-Human Primate Reality TV**

Deborah Forster, University of California San Diego

Rachel Mayeri, Harvey Mudd College

**Naked and Dark Sun Squeeze**

Pawel Wojtasik, Independent Artist

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**1.2J – ASSESSMENT, CHANGE AND TRUST**

TBA

**Integration as an Agent of Scientific Change**

John Parker, Arizona State University

**The organizational context of trust: Genetically modified food in the United States**

John Lang, Rutgers University

**An international comparison of recent technology assessment approaches: bypassing Collingridge**

Rutger van Merkerk, Utrecht University

David Guston, Arizona State University

Ruud Smits, Utrecht University

**Location is Everything: Definitions of Service Amongst IT Specialists at Greenpeace**

Alex Sokoloff, Rensselaer Polytechnic Institute

**Political Ecology on Inland Knowledge about the Vale do Açu and the Northeast Semiarid/Brazil**

Fatima Teresa Branquinho, Universidade do Estado do Rio de Janeiro

Maria Aparecida Nogueira, Universidade Federal de Pernambuco

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**1.2K – SOUNDS, TECHNOLOGY, AND VOICES**

Chair: Alexa Schriempf, Pennsylvania State University

**New technologies in medicine and in education: ‘De-signing’ deaf children’s voices**

Ernst Thoutenhoofd, Virtual Knowledge Studio (VKS)

**“Can you hear my heart beat?” Rethinking invisibility in the context of telemedicine**

Nelly Oudshoorn, University Twente

**Sonic Eukaryotes: Sonocytology, Cytoplasmic Milieu, and the Temps Intérieur**

Sophia Roosth, MIT

**The Helen Keller Machine**

Mara Mills, Harvard University

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**1.2L – POLICY: HEALTH AND ENERGY**

Chair: Robby Berloznik, Flemish Institute for Science and Technology

**The Power Production Paradox: What is Stopping the Use of Alternative Energy Technologies?**

Benjamin Sovacool, Oak Ridge National Laboratory

**Regulating ALARA--As Low As Reasonably Achievable? Health-Physics Practice and Profession**

Ioanna Semendeferi, Independent Scholar

**Abortion, Breast Cancer, and the Politics of Closure**

April Huff, University of California, San Diego

**The policy planning for Interdisciplinary research based on Mathematics**

Yuko Ito, National Institute of Science and Technology Policy

**Deliberation on Dioxin Polluted Food Risk Disputes in Taiwan**

Chou Kuei Tien, National Taiwan University

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**1.2M – NANO UNCERTAINTIES: RISK, RECURSION AND LIMINALITY IN NEAR-FUTURE NANOTECHNOLOGIES**

Organizer: Chris Toumey, University Of South Carolina

Chair: Chris Toumey

**Risk and Recursion: Characterizing Self-organization Patterns Across IT, BT and NT for Social Analysis**

Ron Eglash, Rensselaer Polytechnic Institute

**In Search of Governance: The Anthropology of Nanoparticles and the Problem of Definition**

Edna Dib, Rice University

**Constructing Privacy in the Shadow of Nanotechnology**

Chris Toumey, University of South Carolina

**Mad Cows and Smartcarts: Putting Nanofears and Nanobenefits in Context**

Kenneth David, Michigan State University

**Thursday Lunch**

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**ROUNDTABLE: FACULTY PANEL SPONSORED BY 6S (STUDENT SECTION OF 4S): STS CAREERS INSIDE AND OUTSIDE OF ACADEMIA****ROUNDTABLE: THE INTERNATIONAL NANOTECHNOLOGY IN SOCIETY NETWORK (INSN) (PAVILION 1 [C])**

Organiser: Dr Tee Rogers-Hayden, Cardiff University

Session Abstract: The International Nanotechnology in Society Network (INSN) consists of researchers exploring the connections between society and the possible upcoming changes provided by nanotechnology research. The round-table discussion will provide an opportunity for members of the network to share and discuss the vision of the network and the groups developing collaboration priorities. Members, new members/potential members and interested persons all welcome. For further details on the network see: <http://www.nanoandsociety.com/index.htm>

Arie Rip, University of Twente

Chris Newfield, UCSB.

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**ROUNDTABLE: HETEROGENEITY AND HERITABILITY: RESPONSES FROM SOCIOLOGY, PHILOSOPHY, AND HISTORY OF SCIENCE (FALSE CREEK 1 [H]) [WORKING SESSION]**

Organizer: Peter Taylor, U Mass, Boston

**Revisiting scientific and social debates about heritability in light of the underrecognized implications of heterogeneity**

Peter Taylor, UMass Boston

Thursday 1:30-3:15PM

**1.3A –PUTTING THE HWANG CONTROVERSY INTO CONTEXT (1): KOREAN BIO-SCIENCES/TECHNOLOGIES IN SOCIO-HISTORICAL CONTEXTS**

Organizer: Sang-Hyun Kim, Harvard University

Chair: Sang-Hyun Kim

- *1:30 – 2:40 pm, Thursday, November 2, 2006: Putting the Hwang Controversy into Context (1)*

< *Korean Bio-sciences/technologies in Socio-Historical Contexts* >**“Building a Better Animal”: Dr. John P. Arnold and the Seoul National University’s School of Veterinary Medicine, 1954-1962**

John DiMoia, Princeton University

**Farming against Farmers: The State and New Agricultural Technologies in South Korea, 1962-1980**

Tae-Ho Kim, Seoul National University

**Biotechnology, Modernization, and Nation-Building in South Korea**

Sang-Hyun Kim, Harvard University

**Discussant: Suzanne Moon, Colorado School of Mines and Harvey Mudd College**

- *2:45 – 3:55 pm, Thursday, November 2, 2006: Putting the Hwang Controversy into Context (2)*

< *Biomedical Knowledges, Practices and Discourses in South Korea* >**Transformative Scientific Practice in Korea: Slow Virus, Prion, and BSE-resistant Cow**

Kiheung Kim, University College London

**The Traffic in Eggs: Cultural Construction of Ova “Donation” Practice in Korea**

Young-Gyung Paik, Johns Hopkins University

**Representation of Korean Women’s Bodies in Biomedical Technologies: From Birth Control to Stem Cell Research**

Yeonbo Jeong, University of Minnesota, Twin Cities

**Discussant: Joan Fujimura, University of Wisconsin, Madison**

• *4:00 – 5:30 pm, Thursday, November 2, 2006: Putting the Hwang Controversy into Context (3)*

< *Politics of Stem Cell Research in South Korea* >

**Policy Discourses and Stem Cell Research: Comparing German and Korean Debates**

Kwang-Jin Jung, University of Bielefeld, Germany

**Explaining Hwang-gate: Biotechnology Governance in South Korea**

Byoungsoo Kim, Korea University

Herbert Gottweis, University of Vienna

**Hwang-gate: Rescuing Scientific Hope from a PR Disaster**

Jenny Kitzinger, Cardiff University

Joan Haran, Cardiff University

**Discussant: Charis Thompson, University of California, Berkeley****1.3B – Engineering Studies I**

Organizers: Atsushi Akera, RPI; Gary Downey, Virginia Tech; and Michele Jackson, University of Colorado (affiliated with the International Network for Engineering Studies)

Chair: Atsushi Akera

**Engineering Preparation and the Exceptional Woman Reconsidered**

Lisa McLoughlin, Greenfield Community College

**Autonomy and Learning among Software Specialists in Malaysia and Norway**

Vivian A. Lagesen, Norwegian University of Science and Technology

**Selecting for Geeks: Science Education and the Creation of the Engineering Nerd Stereotype**

Mark Clark, Oregon Institute of Technology

**Engineering China: National Technology and Contemporary Identity**

Thomas Bigley, Virginia Tech

**Theorizing Identity in Engineering Learning Settings - A Sociocultural Take**

Karen L. Tonso, Wayne State University

**Evolving Knowledge or Why Engineering Studies is Important.**

Joseph Pitt, Virginia Tech

**Toward a New Performance of Professionalism?**

Knut H. Sørensen, Norwegian University of Science and Technology

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**1.3C – MESSY SHAPES OF KNOWLEDGE I**

Organizer: Anne Beaulieu, Virtual Knowledge Studio

Chair: Anne Beaulieu

**Studies of the Web: Empowered by WebArchivist?**

Kirsten Foot, University of Washington

Steve Schneider, SUNY Institute of Technology at Utica/Rome

**Lab studies and e-science: a challenge to existing practices and traditions in STS?**

Anne Beaulieu, Virtual Knowledge Studio

**Controversial References – the socio-semiotics of e-research in literary studies**

Paul Wouters, Virtual Knowledge Studio

**Computer-aided hermeneutics: A proposal for preserving new media**

Jean-François Blanchette, UCLA

**Discussant: Wiebe Bijker, Maastricht University**

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**1.3D – GENETICS AND STEM CELLS**

Chair: Elizabeth P. Shea, Northeastern University

**The promise of genetic testing: waiting for the revolution?**

Michael Hopkins, SPRU, University of Sussex

**Three Blind Mice Trials: Replication in Behavioral Genetics**

Nicole Nelson, Cornell University

**Negotiating public issues in the laboratory: An ethnography of stem cell research**

Sarah Parry, University of Edinburgh

**The mass mobilization in science: the case of Korean stem cell research scandal**

Bang-Ook Jun, Kangnung National University

Manjae Kim, Kangnung National University

**The biopolitics of college-level virtual research collectives : the case of stem cell research**

Renee Fountain, University Laval

**Regenerative Medicine and Health Movements**

Robin Downey, University of Calgary

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**1.3E – SCIENCE, TECHNOLOGY AND SOCIETY RESEARCH IN ACTION: THE CHALLENGES OF BRINGING STS RESEARCH TO ACTION IN HEALTH CARE AND CORPORATE SETTINGS**

Organizer: Ellen Balka, Simon Fraser University

Chair: Ellen Balka

**From deconstruction to reconstruction? Making STS work in a partnership based e-health initiative**

Flis Henwood, University of Brighton

**Making a difference with STS? The trials and tribulations of trying to make change through corporate engagement.**

Ellen Balka, Simon Fraser University & Vancouver Coastal Health

**New Kinds of Knowledge: When Health Care Researchers Work With Managers**

Janet Joy, Vancouver Coastal Health

**Statistical Power Comes from the Barrel of a Gun: Incomplete Information in Occupational Health**

Karen Messing, Gael LeJeune and Stephanie Premji, Centre for the Study of Biological Interactions in Environmental Health

**Research, corporate power and gender: An example from corporate IST research**

Ina Wagner, Vienna University of Technology

Hilda Tellioglu, Vienna University of Technology

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**1.3F – SCIENCE STUDIES, INFECTIOUS DISEASE AND EMERGENT FORMATIONS AND FORMULATIONS OF SECURITY**

Organizer: Dale Rose, University of California, San Francisco

Chair: Andrew Lakoff, University of California, San Diego

**Inducement to Action: Avian Influenza in Anthropological Perspective**

Carlo Caduff, University of California, Berkeley

**Reflections on Smallpox and the Smallpox Vaccination Program of 2002-2003: How the US Organized Around a Problem That Did and Did Not Exist**

Dale A. Rose, University of California, San Francisco

**Security Ruptures: Syndromic Surveillance in United States Biosecurity Planning**

Lyle Fearnley

**Encoding infected futures: early warning systems and disease**

Brian Lindseth, University of California, San Diego

**Discussants: Nicolas B. King, Case Western Reserve University and Stephen J. Collier, The New School**

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**1.3G – IT’S ONLY A GAME: WHAT CAN SOCIAL SCIENCE LEARN FROM THE STUDY OF VIDEO AND COMPUTER GAMES?**

Organizers: Rebecca Carlson, Temple University and Patricia G. Lange, San José State University

Chair: Rebecca Carlson

**Studying Online Games and Learning Real Life Lessons**

Patricia G. Lange, San José State University

**“They are Nubians from the Nub Islands in the United States of Nub”:  
Feigning Knowledge in the World of Warcraft**

Michele Stander, Temple University

**Playing Hardware Games: Video Game Development as Heterogeneous Engineering**

Casey O’Donnell, Rensselaer Polytechnic Institute

**Turning Japanese: Video Game Fandom, Transnationalism, and the Production of Expertise**

Rebecca Carlson, Temple University

**Not Just a Game: The Development of “America’s Army” as an Entertainment Medium and Recruitment Tool**

Robertson L. Allen, University of Washington

**Localizing Play**

Jonathan Corliss, Columbia University

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**1.3H –PROBING EAST ASIA: SCIENCE AND MEDICINE IN TRANSNATIONAL/ POST-COLONIAL CONTEXTS [WORKING SESSION]**

Organizers: EunJeong Ma, Cornell University, Kuo, Wen-Hua, Visiting scholar, S&TS, MIT

Chair: EunJeong Ma, Cornell University

**Post-colonial Transition of Psychiatry between Japan and Taiwan**

Shigeo Kato, Waseda University, Japan

**Global Science and Local Workers: The Development of Biotechnology**

Sung, Wen-Ching, Harvard University

**Voices on the bridge: Monitoring Taiwan’s engagement with bio-globalization**

Kuo, Wen-Hua, MIT

**Violence or Progress: (Re) Configuring Medical Knowledge in Postcolonial Korea**

EunJeong Ma, Cornell University

**The Perils of Pregnancy: Comparing Risk in Chinese and U.S. Advice Manuals**

Suzanne Gottschang, Smith College

Leslie King, Smith College

**1.3I – RACE/GENDER/ETHNICITY/AGE IN TECHNOLOGIES OF POPULAR CULTURE [NEW MEDIA]**

Chair: Catharina Landstrom, Göteborg University

**The social shaping of television in old age**

Britt Östlund, Lund University, Sweden

**Making Tracks in Pursuit of the “Wild”: Technology and Resistance on a (Com)modified African Savanna**

Wairimu Njambi, Florida Atlantic University

William O'Brien, Florida Atlantic University

**The Silent “S” of the Spanish Option: Cultural Illiteracy in Language Technology Design and Implementation**

Ramón Solórzano Jr., University of Massachusetts, Amherst

**The Veneer of Authenticity: Science Consultants and the Logic of Science in Hollywood Cinema**

David Kirby, University of Manchester

**1.3J – SILENCE AND THE CITIZEN: PUBLIC VOICES AND EXPERT VIEWS**

Organizer: Robert Evans, Cardiff School of Social Sciences

Chair: Robert Evans

**Involvement and influence: publics and experts in dialogue about the lifesciences**

Sarah Cunningham-Burley, University of Edinburgh

**Understanding Public Voices and Expert Views: The Sociology of Translation**

Annemiek Nelis, University of Amsterdam

Gerard de Vries, University of Amsterdam

**Participatory decision making mechanisms in Israeli alternative communities**

Ayala Cnaan, Rensselaer Polytechnic Institute

**Talking Treatments: Lay and Expert Deliberations About Diabetes**

Inna Kotchekova, Susanne Langer and Robert Evans, Cardiff School of Social Sciences

**The ironic voices of the public who were silent and mobilized: The public understanding of science as viewed through the ‘Hwang Scandal’ in Korea**

Sungwoo Ahn, Virginia Tech

**How people understand the mechanism and effects of the climate change?**

Midori Aoyagi-Usui National Institute for Environmental Studies

**1.3K – BIASED EXPERTS VERSUS PLAIN FACTS**

Organizers: Marcel Boumans, University of Amsterdam, Mary S. Morgan, London School Economics, UK

Chair: Theodore M. Porter, University of California, Los Angeles

**Evidence and Expert Bias: Regulatory Peer Review Procedures Under Conflicting Interests**

Justus Lentsch, Institute for Science & Technology Studies (IWT), Bielefeld University

**The Role of Expert Judgement in Evidence-Based Policy: Analysing the CPI Controversy**

Julian Reiss, Complutense University, Madrid, Spain

**Battle in the practice: Biased experts versus normative statisticians**

Marcel Boumans, University of Amsterdam, Netherlands

**Political Centrality and Scientific Credibility**

Anat Leibler, UCSD

**Patriotism for the Workers: Clashing Cultures of Quantification**

Gail Cooper, Lehigh University

**Discussant: Theodore M. Porter, University of California, Los Angeles****1.3L – MODELS AND SIMULATIONS: VEHICLES FOR TRAVELLING ‘FACTS’**

Organizer: Erika Mattila, London School of Economics and Political Science

Chair: Martina Merz, University of Lausanne

**Understanding Facts across Scientific Communities**

Sabina Leonelli, Free University of Amsterdam

**Movement in and between the Layers of Credibility: Case of Infectious Disease Models**

Erika Mattila, London School of Economics

**Reconstructing versus Simulating**

Andrea Loettgers, Harvey Mudd College

**Is it all about adaptation? On the dissemination of Self-Organising Maps**

Tarja Knuuttila, University of Helsinki

Timo Honkela, Helsinki University of Technology

**Subjects to Objects: The Politics of Imaging Technologies in Clinical Practice**

Martyn Pickersgill, University of Nottingham

**Model geographies: the US military-industrial-academic complex takes over the world (1940-1960)**

Trevor Barnes, University of British Columbia

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**1.3M – THE SILENT TREATMENT – HOW PATIENTS, PARENTS AND PRACTITIONERS ARE SELECTIVELY SILENCED IN MENTAL HEALTH ENCOUNTERS**

Organizer: Noah Feinstein, Stanford University

Chair: Noah Feinstein

**Cultural Dyscompetency: Race, History, and the lessons of Schizophrenia**

Jonathan Metzl, University of Michigan

**Forget what you remember: Life coaching and new discourses on memory, repression and psychopathology**

Esra Oskan, Massachusetts Institute of Technology

**The Transformation of Narrative and Self in the Antidepressant Era**

Jeffrey Stepnisky, Wilfrid Laurier University

**Silenced by science? Parents of autistic children finding their voice**

Noah Feinstein, Stanford University

**The Voices of Autism Spectrum Disorder**

Jennifer Singh, Stanford University/University of California, San Francisco

**Discussant: Chloe Silverman, Pennsylvania State University**

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**1.4A – PUTTING THE HWANG CONTROVERSY INTO CONTEXT (CONTINUED)**

see session 1.3A

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**1.4B – ENGINEERING STUDIES II**

Organizers: Gary Downey, Virginia Tech and Knut Sørensen, Norwegian University of Science and Technology (affiliated with the International Network for Engineering Studies)

Chair: Gary Downey

**New Interactional expertise**

Eva Amdahl, NTNU/Norwegian University of Science and Technology  
Kristin Lofthus Hope, Røkkansenteret

**Cultural Construction of Attitudes toward Teamwork in Student Engineering**

Paul M. Leonardi, Stanford University  
Michele H. Jackson, University of Colorado  
William M. Waite, University of Colorado  
Amer Diwan, University of Colorado

**Overlooked Spaces and Power of Silence: Women in Engineering**

Sreelekha Nair, Centre for Women's Development Studies, New Delhi

**Quantity versus Quality: Ideologies of Home-Work Balance among Software Specialists in Malaysia and Norway**

Birgit Nestvold, Norwegian University of Science and Technology

**Educational Simulation and Pedagogies of Engagement: Encouraging the Academic Transition of First Year Engineering Students**

Atsushi Akera, Rensselaer Polytechnic Institute  
Pamela Theroux, Rensselaer Polytechnic Institute

**Critical Participation and Scalable Theory in Engineering Education**

Gary Downey, Virginia Tech

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**1.4C – MESSY SHAPES OF KNOWLEDGE II**

Organizer: Anne Beaulieu, Virtual Knowledge Studio

Chair: Anne Beaulieu

**Webometrics for Social Science and Humanities Researchers**

Andrea Scharnhorst, Virtual Knowledge Studio  
Mike Thelwall University of Wolverhampton

**The Rise of Search, and its Implications for Research and Education**

Josh Greenberg, George Mason University

**Messin' with Knowledge Economies: The Open Access Movement and STS**

John Willinsky, UBC

**Knots in the Web: Silent spaces in the architecture of the Information Society**

Charles van den Heuvel Virtual Knowledge Studio

**Making Science Public**

Timothy Lenoir, Duke University

**Discussant: Nancy van House, UC Berkeley and Sally Wyatt, Virtual Knowledge Studio**

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**1.4D – MILITARY, NUCLEAR, SPACE**

Chair: Steven A. Walton, Pennsylvania State University

**Repairing the Nuclear Stockpile: Aging Technology, Tacit Knowledge, and the Future of the Nuclear Weapons Complex**

Benjamin Sims, Los Alamos National Laboratory; Christopher Henke, Colgate University

**“The Death of Air”: Silence, Suffering, and the American Strategic Bombing Campaign in World War II**

David Smith, Pennsylvania State University

**Lasers in Space: Science Fiction or Scientific Conclusion?**

Zachary Zwald, UC Berkeley

**Upon Peering into the ‘Closed World’ and Finding it Messy: Science, Technology and the Military Reform Movement, 1976-1986**

Sean Lawson, Rensselaer Polytechnic Institute

**Elitist Language in Physics: The Self-Image of Physics**

Stuart Mawler, Virginia Tech

**Coordinating and Adjusting Astronomical Practices: The ‘Carte du Ciel’ Undertaking at the Turn of the 20th Century**

Lamy Jérôme, Observatoire de Paris

**The maintenance of invisible work on NASA’s Mars Exploration Rovers mission**

Zara Mirmalek University of California, San Diego

**Project as a Unit of Comparison: Apollo and Shinkansen**

Yasushi Sato, University of Tokyo

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**1.4E – INTERCONNECTIONS OF STS AND SURVEILLANCE STUDIES**

Organizers: Jason Pridmore, Queens University and Martin French, Queen’s University

Chair: Jason Pridmore

**Marketing the Beast: Surveillance and the Apocalypse**

Torin Monahan, Arizona State University

**Surveillance and Consumption: Adaptations of New Consumer technologies and patterns of consumption as social praxis - A historical view**

Nils Zurawski, University of Hamburg

**Shaping Surveillance Technology: The Mutual Construction of Monitoring**

Jason Pridmore, Queen's University

Lynsey Dubbeld, University of Twente

**Surveillance Silencing Students?**

Richard Smith, Simon Fraser University

**Urban Youth Resistance to Surveillance**

Jen Weiss, The Graduate Center, City University of New York

**Silent Technique: Surveillance and the Manufacturing of Conformance at the Sungei Buloh Leper Settlement in British Malaya**

Choon-Lee Chai, University of Saskatchewan

**Surveillance and the disciplining of STS**

Martin French, Queen's University

**1.4F – UNIVERSITIES, GRANTS AND RESEARCH**

Chair: Roli Varma, University of New Mexico

**Silencing in the Grant Approval Process at the Swiss National Science Foundation. Part I**

Martin Reinhart, and Daniel Sirtes, University of Basel

**Silencing in the Grant Approval Process at the Swiss National Science Foundation. Part II**

Daniel Sirtes, and Martin Reinhart, University of Basel,

**Research Centers in the Contemporary Academic Landscape: Leadership, Collaboration, Interdisciplinarity and Productivity of a Fluid Institutional Form**

Juan Rogers, Georgia Tech

**Mixed Messages and Missing Women: Graduate Attrition in Science and Engineering**

Mary Wyer, North Carolina State University

**Economics and social studies of scientific research and organizations: nature and origins**

Mario Coccia, National Research Council of Italy &amp; Max-Planck Institute of Economics

**Systematized research regimes and the research-driven corporation**

Luis Suarez-Villa, University of California, Irvine

**Where Does Professional Knowledge Come From? Inference, Decision-Making, and Rationalization in University Licensing.**

Jason Owen-Smith, University of Michigan

**The Tenure System in Engineering**

Roli Varma, University of New Mexico

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**1.4G – NEW ETHNOGRAPHIES OF NANOTECHNOLOGY**

Organizers: David Guston, Arizona State University and Vivian Weil, Illinois Institute of Technology

Chair: David Guston

**Technoscience for the Citizen: A Nanoscience Laboratory and the British State**

Rob Doubleday, Cambridge University

**Reflecting on the Shape of Nanotechnology Research from Within**

Erik Fischer, University of Colorado, Boulder

**Becoming one of them? STS in action at a nanocentre**

Ana Viseu, University of Toronto

**Ethics While You Wait: Discussions at a Nanotech Core Facility**

Julio Tuma, University of Chicago

**Images and the National Cancer Institute's quest to end "suffering and death from cancer by 2015" using nanotechnologies**

Kathryn Vignone, Cornell University

**Discussants: Rosalyn Berne, University of Virginia, Vivian Weil, Illinois Institute of Technology and David Guston, Arizona State University**

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**1.4H – TECHNOLOGICAL REGULATION AND SUBVERSION: OPPOSING STRUCTURES AND VISIONS OF 'USE' IN THE INTELLECTUAL PROPERTY DEBATES [WORKING SESSION]**

Organizer: Hector Postigo, Rensselaer Polytechnic Institute

Chair: Hector Postigo

**The Users Fight Back: Comparing Cases of User Modification of, or Resistance to, Technological Protection Measure Based Regimes**

Kristin R. Eschenfelder, University of Wisconsin-Madison

**The Subversion of Digital Copyright Through Technological Means: The Case of iTunes**

H. R. Postigo, Dept. Communication, University of Utah

**Copyright Contraband**

Eddan Katz, Information Society Project, Yale School of Law

**When Users Create: Constructing Communities of Interest to Redefine and Resist**

Tina Piper, McGill Faculty of Law

**‘Killing the Intellectual Properties’: Managers of Biological Data in Africa**

Abena Dove Osseo-Asare University of CA- Berkeley

**1.4I – SOCIALITY AND SELVES [NEW MEDIA]**

Chair: Nancy Van House, University of California, Berkeley

**New ways to socialize: the life and times of LiveJournal**

David Gibson, IBM Almaden Research Center

**Taking a Walk in a Virtual World: The Value of Second Life**

Jonathan Stern, UCSD, Department of Sociology

**Practices and strategies to stop silence through artifacts. The co-construction of musical devices and users in the everyday life**

Paolo Magaudda, University of Padova (Italy)

**The Social Life of Personal Photos: New Media, New Meanings**

Nancy Van House, University of California, Berkeley

**1.4J – MEDICINE AND THE REAL WORLD**

Chair: Deborah Blizzard, Rochester Institute of Technology

**Psychiatry’s Wayward Members: Did Prefrontal Leucotomy “Cause” the Writing of the Diagnostic and Statistical Manual (DSM-I, 1952)?**

Christopher Canning, Queen’s University

**Mental Illness in the Workplace: Technologies, Strategies, Assemblage**

Mary Ellen Purkis, University of Victoria

Katherine Teghtsoonian, University of Victoria

**Epilepsy, Neuroscience and Invisible Referents**

Deirdre Leahy, Lancaster University

**“There’s always an element of chance”. Risk knowledge and the prevention of heart disease in the age of molecular medicine**

Mikko Jauho, University of Helsinki

**Reporting on autism: Breakthrough, controversy, and the fear factor**

Olga Amsterdamska, Univeristy of Amsterdam

**Pragmatism and Popular Genetics: Re-Excavating Foundations of Historical and Social Studies of Science, 1920s-1930s**

Doug Russell, Curtin University of Technology

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**1.4K – THE WILL OF SCIENCE AND TECHNOLOGY IN STATES OF DECAY**

Organizer: Arthur Mason, Arizona State University/UC Berkeley

Chair: Arthur Mason

**Legislative Decay on an Arctic Energy Transmission Program**

Arthur Mason, Arizona State University

**Composting the Archives: The Case for Digital Decay**

Ryan Shaw, University of California, Berkeley

**Decaying into the Global: Construction, Decay and Re-configuration of Brazilian Computer Industry**

Yuri Takhteyev, University of California, Berkeley

**Information & Communication System Challenges for Responding to Crises**

Megan Finn, University of California, Berkeley

**The silences of spatiality: exploring the scale (re)orderings of risk**

Karen Bickerstaff, University of Durham

Valerie November, University of Geneva

**Order and Disorder in London and Brussels: Centralizing the Scientific Machine**

Alex Csiszar, Harvard University

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**1.4M – GENDER ACROSS THE BOARD**

Chair: Jennifer Croissant, University of Arizona

**Critical Engagement with Science-Related Texts in a Breastfeeding Information, Support, and Advocacy Community of Practice**

Pamela Lottero-Perdue, Towson University

**Feminist by Design?**

Kate Boyer, Rensselaer Polytechnic Institute

**Creating Space, Creating Futures: Women's Identity Production through Bidirectional Community Radio**

Revi Sterling, University of Colorado at Boulder

John K. Bennett, University of Colorado at Boulder

**Theorizing the Fungal Body: Gender, Sexuality, and the Diagnosis and Treatment of Candida Overgrowth**

Kelly Joyce, College of William and Mary

Shashwat Pandhi, Virginia Commonwealth University

**With the Internet, Everybody Is a Setter: Male Computer Programmers' Narratives about Sitting and Pain**

Michele White, Tulane University

**Gender Talking Risk: Discourse, Vulnerability and Threat**

Nick Pidgeon, Cardiff University

Karen Henwood, Cardiff University

**If There are No Batterers, Where Does All the Abuse Come From? Gender Ideology, Domestic Violence, and the Web**

Anna Martinson, Indiana University

Thursday **Evening**

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**7:00-8:30pm Reception WITH HSS&PSA AT THE HYATT REGENCY**

Friday 8:30-10:00AM

**2.1A – SILENCE IN THE DIGITAL LIBRARY: WHY ARE THE USERS SO QUIET?**

Organizer: Charlotte Linde, NASA

Chair: Charlotte Linde

**Archive Stories**

Geoffrey Bowker, Santa Clara University

**Capturing habitat ecology in reusable forms: A case study with embedded networked sensor technology**

Christine L. Borgman, UCLA; and Jillian Wallis, UCLA

**A Twisty Maze of Little Wikis, All Alike**

Michael Khoo, National Science Digital Library

**Voices, Stories, and Silences in the Work of Archives**

Katherine Nielsen, Graduate University for Advanced Studies, Japan

**Remembering the Moon: Memory Issues in NASA's Lunar Return**

Charlotte Linde, NASA Ames Research Center

**Lost in Translation: digital migration, emulation and normalization in national archives**

Martin Hand, Queen's University

**2.1B – AUTHOR MEETS CRITICS: *RACE TO THE FINISH: IDENTITY AND GOVERNANCE IN AN AGE OF GENOMICS* BY JENNY REARDON (PRINCETON UNIVERSITY PRESS, 2004)**

Organizer: Kelly Moore, University of Cincinnati

**Discussants:** Steven Epstein, University of California-San Diego; Duana Fullwiley, Harvard University; Donna Haraway, University of California-Santa Cruz; Kimberly Tallbear, Arizona State University

**2.1C – SILENCE AND SECRECY: RHETORICAL PERSPECTIVES ON THINGS SCIENCE CAN'T SAY**

Organizers: Joan Leach, University of Queensland; Greg Wilson, Rhetorician

Chair: Joan Leach, University of Queensland

**Framing Secrets: A Study in the Rhetoric Surrounding Negotiation of Secrecy**

Karen Taylor, Tulane University

**Cytogenetics: The Silent Step-Child of the Biological Sciences**

Erin Wais, University of Minnesota

**The Construction of an Audience for Secret Science**

Greg Wilson, Los Alamos National Laboratory.

**How Junk Became Selfish**

Thierry Bardini, Université de Montréal

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**2.1D – STS INTERVENTIONS INTO SCIENTIFIC AND TECHNICAL PRACTICE**

Organizers: Matthew Francisco, Rensselaer Polytechnic Institute and Selma Sabanovic, Rensselaer Polytechnic Institute

Chair: Matthew Francisco

**And who are you? Intervention and matters of identity**

Linda Caporael, Rensselaer Polytechnic Institute

**The scientists' image-makers: Writing vision statements for techno-scientific projects**

Matthew Francisco, Rensselaer Polytechnic Institute

**Where the rubber meets the road: Data system validation as STS intervention**

Ryan Miller, Mathematica Policy Research, Inc

**Turning science inside out: STS as a resource for scientists practicing biotechnology**

Lisa Weasel, Portland State University

**Let's get this started: Entrepreneurship as intervention in STS**

Ragna Zeiss, Vrije Universiteit Amsterdam; Tom Hope, Research Institute of Science and Technology for Society (RISTEX)

Yuwei Lin, ESRC National Centre for e-Social Science

**Discussant: Linnda Caporael, Rensselaer Polytechnic Institute**

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**2.1E – STS ENGAGED: PERSONAL NARRATIVES OF STS IN EVERYDAY LIFE**

Organizers: Wyatt Galusky, SUNY-Morrisville and Benjamin R. Cohen, University of Virginia

Chair: Wyatt Galusky

**I am What I Eat?: Technologies of Food Production, Domestication, and Me**

Wyatt Galusky, SUNY-Morrisville

**Encountering Birth: Reflections on Expertise, Networks, and My STS Self**

Saul Halfon, Virginia Tech

**Reflections of an Unrepentant Plastiphobe**

Jody Roberts, Chemical Heritage Foundation

**Accidental Activists: Information, Objectivity and the Struggle for Civic Credibility**

Dana Walker, University of Michigan

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**2.1F – BOUNDARY WORK**

Chair: TBA

**Insiders and outsiders: Non-governmental organisations and biotechnology in Kenya**

Matthew Harsh, University of Edinburgh

**Man-better-man: the politics of disappearance in Caribbean folk medicine**

Cheryl Lans, University of Victoria

**Contested findings? An analysis of responses to CAM-articles in core medical journals**

Jenny-Ann Brodin Danell, Umea University

Rickard Danell, Umea University

**Giving volunteers a voice in research: or what makes a collaborator?**

Norma Morris, University College London

**Governing patient safety: the case of patient handling**

Roland Bal, Dept. of Health Policy and Management, Erasmus MC

Loes van Donkelaar, De Stromen

**Absences of Science in Media Discourse about Global Climate Change**

John Sonnett, University of Arizona

**Between Transparency and Borders. The Practice of Operation-Support (OPS) Rooms**

Berit Moltu, NTNU

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**2.1G – OPTIMIZING PERFORMANCE IN THE FACE OF NATURE: SOLDIERS, CIVILIANS AND PRODUCTIVITY CULTURE**

Organizers: Gregg Mitman, University of Wisconsin-Madison and Linda F. Hogle, University of Wisconsin-Madison

Chair: Gregg Mittman

**The Drug that Makes Soldiers Good Sailors Will Soon Be Working for You! Antihistamines and the Culture of Performance in Cold War America**

Gregg Mitman, University of Wisconsin-Madison

**Preventing Humans from Becoming the Weakest Link in the Military: Regenerative Medicine and the Warfighter**

Linda F. Hogle, University of Wisconsin-Madison

**Technics of Trauma: Psychopower, Psychopharmacology and the US Military**

Jackie Orr, Syracuse University

**Brain Repair and Neural Enhancement**

Jason Robert, Arizona State University

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**2.1H – STEM CELLS, BETWEEN BANKING AND CIRCULATION [WORKING SESSION]**

Organizer: Vincent-Antonin Lepinay, Columbia University

Chair: Vincent-Antonin Lepinay

**The body-at-a-distance. Individualized stem cell banking**

Vincent-Antonin Lepinay, Columbia University

**Organisational Survival, Immortal Cell Lines: Embodiment, Space and Representation in the UK Stem Cell Bank**

Neil Stephens, ESRC Centre for Economic and Social Aspects of Genomics (CESAGen), Cardiff University School of Social Sciences

**Public Biotechnologies: Stem Cells and Scientists on the Campaign Trail**

Chris Ganchoff, UCSF

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**2.1I – TECHNOLOGIES OF CITIZEN ACTIVISM AND DEMOCRACY [NEW MEDIA]**

Chair: Karen Cronin, Victoria University of Wellington, New Zealand

**Seeing is Believing: Visualization in Eco-Democracy**

Roopali Phadke, Macalester College

**“Free the Spectrum!” Activist Encounters with New (and Old) Media Technology**

Christina Dunbar-Hester, Cornell University

**Performing the future of Ubiquitous computing as a grammar of design: silences, constraints, and unintended consequences**

Lonny J Brooks, California State University, East Bay

**Issues mapping: exploring hidden landscapes in the genetic engineering debate**

Karen Cronin, Victoria University of Wellington, New Zealand

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**2.1J – EXPERIMENTS IN INTERDISCIPLINARITY AND HUMANITARIAN ENGINEERING**

Organizers: Nancy Tuana Pennsylvania State University; Carl Mitcham, Colorado School of Mines; and Robert Frodeman, University of North Texas

Chair: Carl Mitcham Colorado School of Mines

**Field Experiments in Interdisciplinarity: New Directions: Science, Humanities, Policy**

Nancy Tuana, Pennsylvania State University

**Prospects and Problems in a Linking Engineering Design to the Public Good**

Ned Woodhouse, Rensselaer Polytechnic Institute

**Peace Engineering and Personalist Projects**

Aarne Veslind, Bucknell University

**Discussants: Robert Frodeman, University of North Texas; Carl Mitcham Colorado School of Mines; Dean Nieuwma, University of Virginia; and Dennis B. Warner, Catholic Relief Services**

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**2.1K – CONTESTED ILLNESSES: AMBIVALENCE AND ADVOCACY IN THE AGE OF TECHNOLOGY**

Organizers: Gabriella Coleman, University of Alberta; Chloe Silverman, Penn State; Alex Choby, UCSF/Berkeley,

Chair: Kathy Teghtsoonian, University of Victoria

**Contesting Causes: Becoming a Biological Sentinel**

Sara Wylie, MIT

**“Love is a technique as well as an emotion”: Parents as Experts in Autism Research**

Chloe Silverman, Penn State

**Psychiatric Survivors and the Politics of Rationality**

Gabriella Coleman, University of Alberta

**Managing Contestation in the Clinic: The Politics of Diagnosing Non-Epileptic Seizures (NES)**

Alexandra Choby, UCSF and UC Berkeley,

**Discussant: Pamela Moss, University of Victoria**

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**2.1L – CLONING TRUTH CLAIMS: IMAGINATIVE INVESTMENT IN NARRATIVES OF TECHNOSCIENCE**

Organizer: Joan Haran, Cardiff University

Chair: Joan Haran

**Making Science in the Media: Crafting Facts and Fictions**

Maureen McNeil, Lancaster University

**Human Reproductive Cloning in the ‘Real’ World: Panos Zavos, Clonaid and Online Marketing of Technoscientific Fraud**

Joan Haran, Cardiff University

**Human Reproductive Cloning at the Godsend Institute: Circulating narratives, scientific literacy, and truth claims**

Kate O’Riordan, Lancaster University and University of Sussex

**Hwang-gate: From scientific frontier to scientific fraud?**

Jenny Kitzinger, Cardiff University

**Saving Face: Accounts of Face Transplantation**

Heather Laine, Talley Vanderbilt University

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**2.1M – THE DISCOURSE AND PRACTICE OF WASTE: THE SILENCING AND SUPPRESSION OF THE HUMAN AND NON-HUMAN**

Chair: Darrin Durant, York University

**Mapping transboundary flows of electronic waste**

Joshua Lepawsky Memorial University

**Waste Society: Reflections on its Political Economy**

Helena Jeronimo University of Cambridge, & Technical University of Lisbon, (ISEG/UTL)

**Risk as a Silencing Technique: the Effects of Nuclear Discourse on Aboriginal Peoples in Canada**

Anna Stanley, University of Guelph

**The Political Ecology of Radioactive Waste: the Suppression of People and Particles in Canada's Disposal Program**

Darrin Durant, York University

**Trash Talk: A Case Study of Landfill Construction**

Paol Hadden, University of Regina

**Decoupling Science and Politics: The Case of  $^{36}\text{Cl}$  in Yucca Mountain**

Grischa Metlay, Harvard University

**Discussant: Genevieve Fuji Johnson, l'Université de Montréal**

Friday 10:15-11:45AM

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**2.2A – SESSION TITLE: ACCOUNTING FOR SUFFERING: REPRESENTING AND MANAGING CANCER TREATMENT IN THE 20<sup>TH</sup>-CENTURY US AND UK**

Organizers: Elizabeth Toon, University of Manchester and Carsten Timmermann, University of Manchester

Chair: Elizabeth Toon

**Striking, Remarkable, and Occasionally Gratifying: Representing the Results of Breast Cancer Treatment**

Elizabeth Toon, University of Manchester

**Representations of Suffering and Survival in Cancer Clinical Trials**

Gerald Kutcher, Binghamton University

**‘Why Don’t We Let Them Die at Home?’: Silence, Suffering, and End-of-Life Care for Children with Cancer**

Gretchen Krueger, Johns Hopkins University

**Surgery, Selection and Survival: Improving Outcomes in the Treatment of Lung Cancer**

Carsten Timmermann, University of Manchester

**Discussant: Dorothy Porter, University of California, San Francisco**

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**2.2B – MATTERS OF PLACE: GEOGRAPHY, TRAVEL, AND THE (POST)COLONIAL IN TECHNOSCIENCE**

Organizer: Gabrielle Hecht, University of Michigan

Chair: Gabrielle Hecht

**From Land-mass to Techno-territoriality: Engine Science and Colonial State Formation**

Patrick Carroll, University of California-Davis

**Science, Territoriality, and Moral Peril in the Pacific**

Warwick Anderson, University of Wisconsin-Madison

**Indonesian Physicians, Universalist Values, Nationalism, and Independence**

Hans Pols, University of Sydney

**Uranium and its Travels: African Geographies in the Making, Marketing, and Flow of “Nuclear” Materials**

Gabrielle Hecht, University of Michigan

**Making Mothers: Maternal Health Campaigns and Scientific Motherhood in Colonial Korea**

Jin-kyung Park, University of Illinois at Urbana-Champaign

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**2.2C – RHETORICAL USES OF SILENCE IN HEALTH AND MEDICAL SETTINGS**

Organizer: Judy Segal, University of British Columbia

Chair: Judy Segal

**The Patient and the Masses: Mass-talk in Clinical Research**

Joan Leach, University of Queensland

**Systemic Silences: Genre and the Limits of Knowledge and Evidence in Medical Research**

Colleen Derkcatch, University of British Columbia

**Unopened Books: Methodological Barriers to the Evaluation of Bibliotherapeutic Literature**

Deborah Dysart-Gale, Concordia University

**Illicit Narratives and the Maintenance of Ignorance**

Judy Segal, University of British Columbia

**Telling It Differently: Risk Communication in Medical and Midwifery Discourses of Pregnancy**

Philippa Spoel, Laurentian University

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**2.2D – STS INTERVENTIONS INTO SCIENTIFIC AND TECHNICAL PRACTICE**

Organizers: Selma Sabanovic, and Matthew Francisco, Rensselaer Polytechnic Institute

Chair: Selma Sabanovic

**Maintaining classifications of fMRI expertise**

Rachel Dowty, Rensselaer Polytechnic Institute

**Being here and there: Practicing STS with/in social robotics**

Selma Sabanovic, Rensselaer Polytechnic Institute

**Reconstructing affect in affective computing**

Pheobe Sengers, Cornell University

**Values & pragmatic action: The challenges of engagement with technical design communities**

Michael Zimmer, New York University

**Discussant: Gary Downey, Virginia Tech**

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**2.2E – THE SCIENCES OF EMOTIONS**

Organizer: Rosa Medina-Domenech, University of Granada-Spain

Chair: Rosa Medina-Domenech

**A Storm of Mind: The Sublime in Mary Shelley's Frankenstein**

Terence H.W Shih, University of Edinburgh

**Finding the Self in Affective Computing**

Joseph Kaye, Microsoft Research

**Imaging the Brain – Finding Emotion**

Claudia Wassman, University of Chicago

**Sciences of love in Spain.**

Rosa Medina-Domenech, University of Granada-Spain

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**2.2F – SILENCES: ABSENT AND PRESENT**

Chair: Jennifer Croissant, University of Arizona

**Where am I? The silenced human in a social network**

Tom Hope, National Institute of Advanced Industrial Science and Technology

**The Silenced Individual in STS**

Ernst Schraube, Roskilde University

**Languages of silence, languages of voice: Scientific and other discourses and the construction of disability**

Ursula Naue, University of Vienna

**Making the absent present**

Morgan Meyer, University of Sheffield

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**2.2G – STATE IDEOLOGY AND COMPUTERIZED MODERNITY: INTERNATIONAL COMPARISONS, 1950-1970**

Organizer: Thomas Haigh, University of Wisconsin, Milwaukee

Chair: Thomas Haigh

**White Heat in the Office: Clerical Automation in Britain**

Marie Hicks, Duke University

**Feeding the Bureaucracy: Technology for a Government of Advisors in Chile**

Eden Medina, Indiana University

**Computers for the Masses: Edmund Berkeley and Social Responsibilities of Computer Development**

Bernadette Longo, University of Minnesota

**MITRE and RAND: Two Cold Think Tanks and the Culture of Secrecy**

Laurie Robertson, Mitre Corporation

**Title: Women in Computer Science: Negotiating Boundaries, Inventing Opportunities**

James Sumner, University of Manchester

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**2.2H – NEW MEDIA AND OLD TASKS [WORKING SESSION]**

Chair: Noriko Hara, Indiana University

**How Texts Matter: Do Media Texts and Media Technologies Mutually Construct One Another?**

Max Dawson, Northwestern University

**Generation Mesh: Mobile Professionals and the Use of Mobile and Wireless Technologies**

Laura Forlano, Columbia University

**Internet politics: A comparative analysis of U.S. and South Korea presidential campaigns**

Noriko Hara, Youngmin Jo, Indiana University

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**2.2I – MUSIC [NEW MEDIA]**

Chair: Matthias Rieger, University of Hannover, Germany

**Silencing Sounds. How the science of sound made musicians speechless by the end of the nineteenth century**

Matthias Rieger, University of Hannover, Germany

**Herbert Brün: Formalism and Feedback in Composition**

Peter Asaro, Austrian Academy of Sciences

**A Concise History of the San Francisco Tape Music Center**

Thomas M. Welsh, Elision Fields

**New Media and New Black Identities**

Daniel Kreiss, Stanford University

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**2.2J – BETWEEN PAST AND PRESENT: TECHNOLOGIES OF POPULATION ENGINEERING AND THE POLITICS OF RESTORATIVE JUSTICE**

Organizers: Kathrin Braun, University of Washington, Seattle; Angelika von Wahl, San Francisco State University

Chair: Kathrin Braun

**Breaking the Silence. Eugenics, Restorative Justice and the Politics of Pause**

Kathrin Braun, University of Washington,

**Making Claims: Social Mobilization for Symbolic and Material Reparations and Forced Sterilizations in the USA**

Angelika von Wahl, San Francisco State University

**Eugenics and the Making of Universal Citizenship in Sweden. The Social Democratic State revisited**

Teresa Kulawik, Centre for Baltic and East European Studies

**The Stake and The Chip: Constructing deviance and difference through scientific metaphors**

Marina Levina, University of Illinois

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**2.2K – PUBLIC UNDERSTANDING OF SCIENCE**

Chair: Jane Lehr, Virginia Tech

**The Politics of Bioprospection: Traditional Environmental Knowledge (TEK) and Public Engagement in Science & Technology**

Camila Carneiro Dias, and Maria Conceição da Costa, State University of Campinas (UNICAMP)

**Truth's Superb Surprise: Science Studies, NeoDarwinism and Theories of Social Relating**

Myra Hird, Queen's University

**State of Fear – Disciplining the Social through Climate Science**

Marianne Ryghaug, NTNU

**Scientifically Literate Citizenship in the United States in the 1980s: Challenges to the 'Deficit Model' of Public Understanding of Science**

Jane L. Lehr, Virginia Tech

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**2.2L – AUTHOR MEETS CRITICS: PICTURING PERSONHOOD: BRAIN SCANS AND BIOMEDICAL IDENTITY BY JOE DUMIT (PRINCETON UNIVERSITY PRESS, 2004)**

Organizer: Anne-Jorunn Berg, Bodø University College

**Discussants: Sally Wyatt, Virtual Knowledge Studio; Knut Sørensen, Norwegian University of Science and Technology; To Be Announced**

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**2.2M – A MORE SOCIAL EPISTEMOLOGY: DECISION VECTORS, EPISTEMIC FAIRNESS, AND CONSENSUS IN SOLOMON'S SOCIAL EMPIRICISM**

Organizer: Alison Wylie, University of Washington

Chair: Alison Wylie

**Norms and the Goals of Science in Social Empiricism**

Helen Longino, Stanford University

**Solomon's Science Without Conscience: Can There be Inquiry Without Ideal Agreement?**

Alan Richardson, University of British Columbia

**The Devil is in the (Historical) Details: Continental Drift as a Case of Normatively Appropriate Consensus**

Naomi Oreskes, University of California at San Diego

**Solomon's Empirical/Non-Empirical Distinction and the Proper Place of Values in Science**

Sharyn Clough, Oregon State University, Corvallis

**Social Empiricism: Commentary and Response**

Miriam Solomon, Temple University

**Friday Lunch**

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**6S ANNUAL BUSINESS MEETING (STUDENT SECTION OF 4S)**

Lunch will be provided by Chemical Heritage Foundation.

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**ROUNDTABLE: STS IN CANADA (PAVILION 1 [C])**

Organizer: Patrick Feng, The University of Calgary

Session Abstract: With this year's 4S conference taking place in Vancouver, now is a good time to reflect on how STS has developed in Canada and what the future holds. This roundtable discussion will provide an opportunity for scholars in Canada to learn about each other's work, discuss recent developments in the field, and forge linkages between STS programs across the country. This will be an informal event with lots of interactive discussion, so come prepared to mix, mingle, and talk!

**Discussants: Alan Richardson, UBC; Bernie Lightman, York University; Edna Einsiedel, University of Calgary; Sergio Sismondo, Queen's University; Yves Gingras, UQAM**

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**ROUNDTABLE: WHAT CAN STS TELL US ABOUT THE HWANG CONTROVERSY? (FALSE CREEK 2 [H])**

**Introductory Presentation: Hwan-Suk Kim, Kookmin University**

Chair: Trevor Pinch, Cornell University

**Discussants: Sheila Jasanoff, Harvard University; Brian Wynne, Lancaster University; Joan Fujimura, University of Wisconsin, Madison; Herbert Gottweis, University of Vienna; and Shinik Kang, Inje University**

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**2.3A – MUSIC AND THE TECHNOLOGIES OF REMIXING**

Organizers: Tarleton Gillespie, Cornell University and Trevor Pinch, Cornell University

Chair: Tarleton Gillespie

**Reconsidering the Historical Origins of the Remix: Motion Picture Projectionists in America, 1927-1930**

Emily Thompson, Princeton University

**Retooling the Mix: Software and the Mode of Music Production**

Paul Théberge, Carleton University

**Online Music: Who are the Users and What is the Use?**

Trevor Pinch, Cornell University

**The Structures of Authorship in Technology, Law, and Digital Culture D.**

Tarleton Gillespie, Cornell University

**Discussant: Jonathan Sterne, McGill University**

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**2.3B – AUTHOR MEETS CRITIC: A NICE DERANGEMENT OF EPISTEMES: POST-POSITIVISM IN THE STUDY OF SCIENCE FROM QUINE TO LATOUR BY JOHN H. ZAMMITO (CHICAGO, 2004)**

Organizer: Miriam Soloman, Temple University

**TBA**

Ronald Giere, University of Minnesota

**Does (Kuhnian) Philosophy of Science Have a Future**

Thomas Nickles, University of Nevada, Reno

**Epistemology and meanings of “the social”**

Olga Amsterdamska, University of Amsterdam

**A Nice Derangement of Epistemics: Post-construction in Science Studies**Michael Lynch, Cornell University

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**2.3C – BLACK-BOXED SECURITY? DISCLOSING COLD WAR TECHNOLOGIES AND REFRAMING TECHNOLOGIES SINCE 9/11**

Organizers: Rebecca Slayton, Stanford University; Sonja Schmid, Stanford University; Kathleen Vogel, Cornell University

Chair: Rebecca Slayton

**Debate Without End: Simulating Nuclear Weapons Testing**

Hugh Gusterson, George Mason University

**The Double Effect of Nuclear Secrecy on Policy and Scholarship**

Lynn Eden, Stanford University

**Discussant: Joseph Masco, University of Chicago**

**Security, Justice, and the ‘Dual-Use’ Ideal in American Public Health**

Nicholas B. King, Case Western Reserve University

**Synthetic Biology: Reframers, Rewriters, and Bioterrorism Policy**

Kathleen Vogel, Cornell University

**The Unclosed World: Information Technology for Counterterrorism**

Rebecca Slayton, Stanford University

**Discussant: Paul Edwards, University of Michigan**

### **2.3D – QUESTIONING RELEVANCE: EXPLORING THE BOUNDARY BETWEEN STS AND STP**

Organizer: Roger Pielke Jr., University of Colorado

Chair: Roger Pielke Jr.

**Seeking relevance: Defining and evaluating the STS/STP boundary**

N.J. Logar, University of Colorado

G. Maricle, University of Colorado

**The role of science studies in science policy**

Roger A. Pielke Jr., University of Colorado

**Questioning Utility: What should count as useful (scientific) information?**

E. Mcnie, University of Colorado

E. Fisher, University of Colorado

**The Tyranny of Relevance**

A. Briggie, University of Colorado

M. Averill, University of Colorado

**STS/STP across the pond**

G. Maricle, University of Edinburgh

M. Harsh, University of Edinburgh

**Reclaiming Educational Value in Public Engagement with Science and Technology: PEST as a Site of Informal Science Learning**

Brandiff R. Caron, Virginia Tech

Ellen McCallie, King’s College London

Sarah Davies, Imperial College London

Ben Gammon, Science Museum of London

Sally Duensing, King’s College London

Jane Lehr King’s College London

### **2.3E – CAUSALITY: OTHERS AND DIFFERENCE**

Chair: Elizabeth P. Shea, Northeastern University

**Queer Causations & A Matter of Time**

Karen Barad, University of California at Santa Cruz

**The Emergent Host: Performative and Relational Human Difference in HIV**

Marsha Rosengarten, Goldsmiths College, University of London

**Helping People use On Line Health Information in a Low Income Neighbourhood**

Leslie Bella, Memorial University of Newfoundland

**Evolutionary Aesthetics, Survival of the Prettiest and Biological Slavery**

Julio Munoz-Rubio, National Autonomus University of México

**Reproducing Inequality: Virtual Practices of Racial Division**

John Monberg, University of Kansas

**Focusing on otherness and differences – silencing agencies?**

Pirjo Elovaara, Blekinge Institute of Technology

Christina Björkman, Blekinge Institute of Technology

Christina Mörtberg, Oslo University

**2.3F – ANTHROPOLOGY, EPISTEMOLOGY, AND SCIENCE**

Chair: Mark Cassell, Independent Scholar

**Articulating Pasts: The Materio-Temporalization of 285 Ostionan Potsherds**

Julienne Obadia, University of Florida

**Science and Myth**

William Stahl, Luther College, University of Regina

**Delicate Empiricism and Other/Older Ways of Knowing: Anthropology and Goethe's Science in the Age of Aquarius**

Kyriaki Papageorgiou, University of California, Irvine

**The Power of Speech: Amerindians and Human Science**

Maëlle Ranoux, Université Paris X; Billaud Jean-Paul CNRS,

**Nothing?: natureculturepolitics in shellfish farming**

Gonçalo Praça, University of Coimbra, Portugal

**The Integration of Other Ways of Knowing: Knowledge and Information Sharing in the Management of the British Columbia Salmon Fishery**

Catherine Collins, Indiana University

**2.3G – INTERDISCIPLINARITY AND STS ENGAGEMENT WITH 'REAL LIFE' PROBLEMS**

Organizers: Anna Wesselink, University of Twente and Carl Mitcham, Colorado School of Mines

Chair: Anna Wesselink

**The vulnerability of technological culture**

Wiebe Bijker, University Maastricht

**Struggling for perspectives on New Orleans**

Carl Mitcham, Colorado School of Mines

**Responding to Katrina: Lessons for Interdisciplinary Collaboration and STS Expertise**

Dean Nieuwma, University of Virginia

**Upon Opening ... and finding it empty? Lessons from anti-dam movement in India for politics and STS**

Esha Shan, University of Sussex

**Safety from flooding in low countries: Katrina, New Orleans and the Netherlands**

Anna Wesselink, University of Twente

**Naturalized Disaster**

Dehlia Hannah, Columbia University

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**2.3H – UNHEARD VOICES [WORKING SESSION]**

Chair: Nick Wright, University of Nottingham

**Inventing Culture/Constructing Knowledge: Roger Revelle and “The Polynesian and the Scientist”**

Laura Harkewicz, University of California, San Diego

**‘Imbawula doesn’t explode’: The Gestural Dimensions of Science, Technology, and Culture**

Bev Sauer, Johns Hopkins University

**Epistemology of Testimony: A Feminist Disability Account of Silence and Speaking**

Alexa Schriempf, Penn State University

**“They’re Here, I Can Feel Them”: The Epistemic Spaces of Indigenous Knowledge**

Annette Watson, University of Minnesota

**Towards an understanding of the silences between disasters**

Nick Wright, Pru Hobson-West, University of Nottingham

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**2.3I – DISCIPLINE AND PUNISH: THE GAME [NEW MEDIA]**

Chair: T.L. Taylor, University of Copenhagen

**Live Data Mining for Games Research: Techniques, Challenges, and Ethical Considerations**

Nic Ducheneaut, Xerox PARC

**The Databased Self: Perfect Surveillance in the Age of Virtual Worlds**

Bart Simon, Concordia University

**Modded Play: Constructing Collaboration ...and Surveillance in World of Warcraft**

T.L. Taylor, IT University of Copenhagen

**Genealogies of Play: Surveillance, Discipline, and the Training of the Virtual Body, or How to Make a Docile Avatar**

Douglas Thomas, University of Southern California

**2.3J – INTERROGATING TRANSPARENCY; COMMUNICATING SCIENCE**

Organizers: Valerie Hanson, Philadelphia University and Melissa Littlefield, University of Illinois, Champaign-Urbana

**Envisioning Atoms: Rhetorics of Representation in Nanoscale Images**

Valerie Hanson, Philadelphia University

**Drawing the Line: Polygraphy, Publicity and Criminality**

Melissa Littlefield, University of Illinois, Champaign-Urbana

**Manufacturing Dissent: Global Warming, Hannah Arendt, and the Politics of Scientific Truth**

Jenell Johnson, Pennsylvania State University

**Sublime-o-rama: IMAX, Mount Everest, and the All-consuming Crowd**

Elizabeth Mazzolini, Rochester Institute of Technology

**Silence, Translation, Invention: Autism, Animals and Technical-Autobiographical Writing**

Shannon Walters, Pennsylvania State University

**The Behaviorist Manifesto: Flattening Psychology's 'Black Box.'**

Jodie Nicotra, University of Idaho

**2.3K – HEALTH ON (THE) LINE? CONDITIONS OF SILENCE FOR MARGINALIZED GROUPS**

Organizers: Flis Henwood, University of Brighton; and Rhonda Harris, The University of Western Ontario

**'White-fella' Internet: Continuing the Silencing of Indigenous Ways of Knowing**

Lyn Simpson, Michelle Hall, and Susan Leggett, Queensland University of Technology

**Ending the Silence of Ethno-cultural Communities with Technology: A Case Study of Video Technology with the Farsi-speaking community in British Columbia.**

Iraj Poursalami, University of British Columbia

Irving Rootman, University of Victoria

Ellen Balka, Simon Fraser University.

**Invisible and (usually) silent: The challenge of information exchange for rural-dwellers living the HIV and AIDS**

Irving Rootman, University of Victoria

Judith Krajnak, University of British Columbia

Roma Harris, The University of Western Ontario

Leslie Bella, Memorial University of Newfoundland

Tiffany Veinot, The University of Western Ontario

**The promotion of self-reliance: How e-health strategies shift the burden of care**

Roma Harris, The University of Western Ontario

Jana Fear, The University of Western Ontario

**Social Marketing as Global Communication Technology**

Roddey Reid, University of California, San Diego

**2.3L – NANOTECHNOLOGY II**

Chair: TBA

**Instrumentalities as drivers of cross-disciplinarity in bionanotechnology**

Martin Meyer, University of Sussex

Ismael Rafols, University of Sussex

**Competing discourses of disruptive technologies: A case study**

Deborah Bassett, University of Washington

**Understanding nanotechnology: mediation, uncertainty and financial epistemology**

Geoff Cooper, University of Surrey

Mary Ebeling, University of Surrey

**Beyond Empowerment and Mobilization: The role of citizens in the US nanotechnology policy**

Byoungyoon Kim, Rensselaer Polytechnic Institute

**2.3M – PHARMACEUTICAL PUBLICS: POLITICS, SOVEREIGNTIES, AND SUFFERING**

Organizers: Cori Hayden, University of California, Berkeley and Stefan Ecks University of Edinburgh

Chair: Cori Hayden

**Brand India and the Clinical Trial: Experimental Machineries and Desiring Machines of Biocapital**

Kaushik Sunder Rajan, University of California, Irvine

**Silent Suffering and Loud Numbers: Mass Clinical Risk and Prognostic Sovereignty**

Joseph Dumit, University of California, Davis

**How to do things with drugs: Pharmaceutical publics in Kolkata**

Stefan Ecks, University of Edinburgh

**Pharmaceuticals and mass politics, or: medicine, markets, and the popular in Latin America**

Cori Hayden, University of California, Berkeley

**A local committee for local people: Research Ethics Committee and local control over global research**

Adam Hedgeoe, University of Sussex, UK

**Discussant: Andrew Lakoff, University of California, San Diego**

Friday 3:30-5:30PM

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## **2.4A – BETWEEN CONSTITUTION AND EMPIRE: PRODUCING SCIENCE AND CITIZENS IN GLOBAL INSTITUTIONS**

Organizers: David Winickoff, U.C. Berkeley; Mark B. Brown, California State University, Sacramento

### **Scientific and Political Representation in Global Civil Society**

Mark B. Brown, California State University, Sacramento

### **Accidental Sovereignty: Science, the SPS Agreement, and Normative Subsidiarity**

Mark Philbrick, U.C. Berkeley,

### **Science and International Legal Order**

David Winickoff, U.C. Berkeley

### **Governmentality and the Globe: Constitutionalizing Security in International Organizations**

Clark Miller, Arizona State University

### **‘Dirty Pretty Things’ of Neo-Liberal Globalization: Medical Tourism, Medical Transcription, and Drug Testing by Multinational Companies in India**

Sirupa Prasad, University of Missouri-Columbia

Amit Prasad, University of Missouri-Columbia

### **Building the World at the Patent Office: Defining Science and the Polity at the European Patent Office**

Shobita Parthasarathy, Ford School of Public Policy, University of Michigan

### **Navigating Ethically Treacherous Waters: Understanding the Development**

Elta Smith, Harvard University

### **Negotiating Global Norms: The Role of the Codex Alimentarius Commission in the Global Architecture of Trade, Health, and Environment**

Douglas Bushey UC Berkeley,

### **Discussants: David Winickoff, U.C. Berkeley and Sheila Jasanoff, Harvard University**

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## **2.4B – WHAT’S TO BE DONE WITH UNDONE SCIENCE?**

Organizers: Scott Frickel, Tulane University and David J. Hess, Rensselaer Polytechnic Institute

Chair: Scott Frickel

### **Organized ignorance: The case of environmental testing in post-Katrina New Orleans**

Scott Frickel, Tulane University

M. Bess Vincent, Tulane University

**Between genomics and the breast cancer lobby; mapping the shifting space of the environment in breast cancer genetic research**

Sahra Gibbon, University College London

**Chemical momentum: Industrial chemistry and the problem of undone science**

Jeff L. Howard, University of Texas - Arlington

**But for buckets: Regulatory standards and the undoing of citizen science**

Gwen Ottinger, University of Virginia

**Undone Science, Unproven Therapies: The Status of Energy Healing in the 'New Medicine'**

Paula Jean Davis, University of Pittsburgh

**Unravelling a Process of Silence Behind Clinical Trials**

Jan Clarke, Algoma University College

**Forbidden knowledge: How researchers identify and manage inconvenient facts**

Joanna Kempner, University of Michigan

Charles L. Bosk, University of Michigan

Clifford S. Perlis, University of Michigan

Jon F. Merz, University of Michigan

**Undoing innovation**

Lucy Suchman, Lancaster University

**Discussant: David Hess, Rensselaer Polytechnic Institute**

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**2.4C – TECHNOLOGY: POWER, TRUTH AND CULTURE**

Chair: Steven A. Walton, Pennsylvania State University

**Technology as culture and technology as practice: The idea of progress in some Latin American countries**

Monica Salazar, Simon Fraser University

Sandra Daza, Colombian Observatory of Science and Technology

Angela Rivera, Colombian Observatory of Science and Technology

**Making Corruption Legible: Political Artifacts and Public Proofs in an International Art Exhibit**

Raymond June, American University

**The syringe as a technology of suffering?**

Nicole Vitellone, University of Liverpool

**Biological Threats and Technologies of Security**

Gwen D'Arcangelis, UCLA

**A social explanation of thin film measurements**

Sharon Ku, Cambridge University

**Promoting and Silencing Myths in Biological Disarmament**

Filippa Corneliussen, London School of Economics

**Silencing Dissent: How Technoscience Contributes to War Manipulation**

Raphael Sassower, University of Colorado

Louis Cicotello, University of Colorado

**Standards: The Silent Technologies of Power**

Lawrence Busch, Michigan State University

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**2.4D – BIOTECHNOLOGY, PHARMACEUTICALS AND DEVELOPMENT**

Chair: Robby Berloznik, Flemish Institute for Science and Technology

**Counting cells, measuring evidence: The contested nature of international therapeutic guidelines in HIV**

Denielle Elliott, Simon Fraser University

**Actor-Network Theory, Regulation and Governance**

Emilie Cloatre, and Robert Dingwall, University of Nottingham

**Time will tell: GM crops in Argentina, between national policies and corporate strategies**

Ana Vara, Universidad Nacional de San Martín

**The Nature of North-South Partnership in Bioprospecting and Impact on Capabilities and Innovation Systems. Case Studies in Latin America**

Léa Velho, University of Campinas

**Patients, Profits and Values: Genzyme and the Creation of Informed Consumers of Potential Innovations**

Carlos Novas, London School of Economics

**Biotechnology and development in Latin America**

Morgan Echeverry, University of Puerto Rico – Mayaguez

**Scientists and Globalization: Perceptions of Plant Biotechnology from the Margins**

Christina Holmes, Dalhousie University

**The Emergency Of Bioeconomy and Axiological Dilemmas**

José Garcia, University of Lisbon

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## **2.4E – THE SILENCES AROUND GOVERNMENT AND SCIENCE**

Chair: TBA

### **Values vs. Scientific Evidence - The Case of Intelligence Testing**

Elise Paradis, Stanford University

### **Political Process of Quantification : Case Analysis of the Quantification of “Use-rate” in the Environmental Controversy**

Yuko Fujigaki, University of Tokyo

### **“We Need a Greenpeace for PMF”: Industry Characterizations of Stakeholder Management in the Governance of Plant Molecular Farming**

Jennifer Medlock, University of Calgary

### **Noise, silence and persistence in UK governmental public dialogue on science and technology**

Kevin Burchell, London School of Economics

### **Explaining the Silence of Public Good Scientists: Operative Assumptions of Biological Control Entomologists**

Keith Douglass Warner, Santa Clara University

### **Clima(c)tic risk communication: Environmental NGO’s and the representational politics of communicating climate change**

Julie Doyle, University of Brighton

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## **2.4F – CONSENT, SILENCE, PRIVACY AND SECRECY**

Chair: Deborah Blizzard, Rochester Institute of Technology

### **Public Trust in Silence: Secrecy and Regulation**

Janice Graham, Dalhousie University

### **Privacy as Silence**

Elaine Gibson, Dalhousie Health Law Institute

Jan Sutherland, Dalhousie Health Law Institute

### **Consenting Silences: Informing Citizens and the Right not to Know**

Stefan Sperling, Harvard University

### **Informed Consent and the Politics of Responsibility in the Governance of Assisted Human Reproduction in Canada, 1988 - 2006**

Laura Fenton, York University

### **Research ethics and The invisible worker**

Patricia Kaufert, University of Manitoba,

### **Resistance and Truth: Two subaltern discourses regarding the ethics of human subjects research**

Matthew Weinstein, University of Washington-Tacoma

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**2.4G – CRITIQUING THE CRITICS**

Chair: Andrew Feenberg, Simon Fraser University

**Politics of Science Studies: Can Questioning the Autonomy of Science be a Solution to the Lack of Normativity in the Field?**

Sanem Guvenc-Salgirli, State University of New York at Binghamton

**Critical Philosophy of Technology: The Basic Issues**

Hans Radder, Vrije Universiteit Amsterdam

**Achieving Continuity: A Story of Stellar Magnitude**

Michael Evans, University of California, San Diego

**The Power to Speak: David Ferrier's Science and H. G. Wells's Fiction**

Laura Otis, Emory University & Max-Planck-Institut für Wissenschaftsgeschichte

**Merton's "Norms" in Political and Intellectual Context**

Stephen Turner, University of South Florida

**The Irrepressible Social of Media: A Critique of Mark Poster's Media Theory**

Matthew Schilleman, University of California, Irvine

**The Rational Critique of Rationality**

Andrew Feenberg, Simon Fraser University

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**2.4H – STS AND THE CITY - CITIES AS TECHNICAL ARTIFACTS AND COMPETING INTERPRETATIONS OF THE TECHNOLOGICAL CITY**

Organizers: Steven Moore, and Andy Karvonen, the University of Texas at Austin

Chair: Steven Moore

**Space and the Concealment of Urban Technological Narratives**

Steven Moore, The University of Texas at Austin

**The Discipline of Urbanism: Urban Design and the Technology of Place in the Post-Suburban Era**

David Brain, New College of Florida

**Sustainable Cities as Enormous Artifacts**

Ralf Brand, University of Manchester

**The Tale of the Turning Torso: Contradictions of Urban Sustainable Development in Malmö, Sweden**

Andrew Jamison, Aalborg University

**Overcoming Inertia or Recycling History: Sustainable Development and Urban Infrastructure**

Nichole Dusyk, University of British Columbia

**Urban Metabolism, Heterogeneous Engineers, and Municipal Stormwater Management**

Andy Karvonen, The University of Texas at Austin

**What happens when the technical and the spiritual meet: Examination of Spiritual Discourse in Green Building**

Kathryn Henderson, Texas A&M University

**Silence in the Urban Environment**

Azucena Cruz, SUNY Stony Brook

**Discussants: Steven Moore, The University of Texas at Austin, and Andrew Jamison, Aalborg University**

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**2.4I – SILENCED PASTS: ARCHAEOLOGICAL PRACTICE AND THE POLITICS OF MANIFESTATION [NEW MEDIA]**

Chairs: Christopher Witmore, Brown University; Matt Ratto, The Royal Netherlands Academy of Arts and Sciences; and Michael Shanks, Stanford University

**Epistemic commitments and archaeological representation**

Matt Ratto, The Royal Netherlands Academy of Arts and Sciences

**Presence effects and archaeological media: case studies in performance arts**

Michael Shanks, Stanford University

**Making silent industries speak... differently: a performance of the mobile telecoms industry by the Future Archaeologist**

Laura Watts, Lancaster University

**Archaeology and the politics of collaborative heritage**

Timothy Webmoor, Stanford University

**Site-specific media, archaeology and time**

Christopher Witmore, Brown University

**Discussant: Alison Wylie, University of Washington**

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**2.4J – PUBLIC HEALTH**

Chair: Virginie Tournay, McGill University

**The Right Health Information, In the Right Place at the Right Time;**

Elizabeth Cardno, University of Brighton

**Women and Water: Feminist Analyses of Occupational and Environmental Health Studies on the RCA Groundwater Pollution Case**

Yi-Ping Lin, National Taiwan University

**Between politicization and neutralization: The politics of ethics in the governance of biomedicine in the UK**

Alfred Moore, University of Hannover

**Where Do Epidemics Prevention Measures Come From? Controlling SARS Risk in 2003**

Yen-Fen Tseng, National Taiwan University

Chia-Ling Wu, National Taiwan University

**Reconfiguring Oncology Care; Interventions in a national ‘quality collaborative’ and the creation of a Dutch healthcare market**

Teun Zuiderent-Jerak, University Medical Center Rotterdam

**Rationalizing Health Care Provision. A discussion of politics, science and care**

Erik Aarden, University of Maastricht

**The birth of public health in France or the little story of a successful standardization**

Virginie Tournay, McGill University

**2.4K – MARKETS, CONSUMERS AND COMMODITIES**

Chair: Daniel Breslau Virginia Tech

**Rituals of silence and the cyclical expression of the careers of psychotropic drugs (1900-2000).**

Toine Pieters & Stephen Snelders, VU Medical Centre

**The market reservation for Brazilian minicomputers and the experience of their production in the 70/80's.**

Henrique Cukierman, COPPE/UFRJ - Rio de Janeiro

**‘Barbarians at the Cybergate’: The Social Construction of the ‘Deindividuated’ Computer User, the Marginalization of Open System Access, and the Institutionalization of Network Paranoia, 1981-1995**

Bryan Pfaffenberger, University of Virginia

**Selling Sexual Science: Viagra, the “Gay Niche Market,” and the Stigma of “Recreational Use”**

Emily Wentzell, University of Michigan

**The Total Observation Collage: Weather Forecasting and the Search for Ground Truth**

Phaedra Daipha, The University of Chicago

**The race to quantification in technoscientific mental health management**

Craig Willse, The CUNY Graduate Center

**Market Power in Power Markets: The Politics of Knowledge in Electricity Exchanges**

Daniel Breslau, Virginia Tech

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**2.4M – DEGREES OF FREEDOM: INFRASTRUCTURE AFTER CONTROL**

Organizers: Paul Edwards, University of Michigan and Steven Jackson, University of Michigan

Chair: Paul Edwards

**Infrastructuration: Technology Studies and/as Social Theory**

Paul Edwards, University of Michigan

Christopher Lee, University of North Carolina

**Controlling the roads: negotiations, politics and silenced actors in infrastructural planning**

Jane Summerton, Linköping University

**Infrastructure and Event: The Problem of Vulnerability**

Andrew Lakoff, UC San Diego

**The archive and the river: infrastructural memory and action**

Steven Jackson, University of Michigan

**Not too close, not too far: building breathing space into information infrastructures**

W. Turner, LIMSI-CNRS

B. Habert, LIMSI-CNRS

G. Ripoché, LIMSI-CNRS and University of Illinois at Urbana-Champaign

M. Zacklad Tech-CICO, University of Technology at Troyes

**Infrastructuring Movements: When the Silent becomes the Spoken**

David Ribes, UC San Diego; Florence Millerand, Université de Québec à Montréal

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Friday **Evening**

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**6:00 – 7:00 4S BUSINESS MEETING COAL HARBOUR 3**

**RECEPTION (CASH BAR) PAVILION**

**BANQUET (TICKETED EVENT) 7:00-9:00 CRYSTAL BALLROOM EAST AND WEST**

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Saturday

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**7:15-8:15am SSS EDITORIAL BOARD MEETING (PAVILION 1 [C])**

Saturday 8:30-10:00AM

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**3.1E – SESSION: FOOD, BIOPOLITICS, AND REGIONAL IDENTITY**

Organizers: Patrick Feng, University of Calgary and Edna Einsiedel, University of Calgary

Chair: Patrick Feng

**It's a mad, mad (cow) world: The politics of food safety in the wild, wild west**

Patrick Feng, University of Calgary

Edna Einsiedel, University of Calgary

**Fit for (non-)human consumption? The marketing of pet foods in Alberta**

Melanie Rock, University of Calgary

**Consuming flesh: The biopolitics of beef consumption**

Gwendolyn Blue, University of North Carolina

**Silences and Aporia in the BSE Debate in Japan**

William Bradley, Ryukoku University

**Plants vs. Meat: Suffering, Silence, and Food**

Lindsay Kelley, University of California, Santa Cruz

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**3.1F – SESSION: SCIENCE AND THE SUBDUED VOICE**

Organizer: John Lyne, University of Pittsburgh

Chair: John Lyne

**Silencing Critique: Sokal, Latour, Einstein, and 4S**

Henry Krips, University of Pittsburgh

**Finessing Controversy: Intelligent Design in the Natural History Museum**

Elizabeth Shea, Northeastern University

**Partitioning Order and Wonder: The Protective Polarities of Contemporary Scientific Display**

Freya Thimsen, University of Pittsburgh

**De-Voicing Pain: What Science Renders Inarticulate**

John Lyne, University of Pittsburgh

Joseph Ali, University of Pittsburgh

**The Rhetoric of Repugnance: Metaphor and Meaning in the Human Cloning Debate**

Michael Klein, James Madison University

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**3.1G – SESSION: STS PERSPECTIVES ON JUSTICE AND SUSTAINABILITY**

Organizer: David Hess: Rensselaer Polytechnic Institute

Chair: David Hess

**Just Sustainability and Localism: A Technology Studies Perspective**

David Hess, Rensselaer Polytechnic Institute

**Ecological Restoration and Social Justice as Boundary Objects: Searching for Common Ground between the Environmental Justice Movement and the Grassroots Ecological Restoration Movement**

David Tomblin, Virginia Tech

**Tell the Truth / Stop the Plant: Lessons from an Activist Campaign**

Langdon Winner, Rensselaer Polytechnic Institute

**Technocracy or Democracy: Justice and Emerging Global Governance Forms**

David Hakken, Indiana University

**Measuring the “Pollution in People”: Implications of Human Biomonitoring for Constructions of Bodies and Environments**

Rachel Washburn, University of California, San Francisco

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**3.1H – SESSION: ORGANIZATIONS AND NETWORKS [WORKING SESSION]**

Chair: Kyle Siler, Cornell University

**“I wouldn’t call it science”: towards a conceptual framework for translational research**

Janet Atkinson-Grosjean, University of British Columbia

**Balancing the wet and the dry: STS researcher becomes science manager**

Nicholas Chrisman, Université Laval

**Trade Secrets, Technology Development, and Network-Building**

William Kaghan, Santa Clara University

**Working in the Lab: The Relationship between the Organization of Research and Training Developed under Competitive Standard Grants in the Biomedical Sciences**

Annalisa Saloni, McGill University

**Theorizing (Inter)Disciplinarity and the Development of Science and Technology Studies**

Kyle Siler, Cornell University

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**3.1I – SESSION: DOING RESEARCH ABOUT ICTS AND HEALTH INFORMATION**

Organizer: Sally Wyatt, University of Amsterdam

Chair: Sally Wyatt

**Using fieldwork for discussing ethical issues related to IT and healthcare**

Christine Reidl, Technical University of Vienna

Ina Wagner, Technical University of Vienna

**Capturing internet sessions in context: Can technology and ethnography inform the design of health websites**

Karen Smith, Simon Fraser University

**Social construction of measurement: Midlife women's health and bone densitometry**

Eileen Green, University of Teesside

Frances Griffiths, University of Warwick

**Social construction of health and safety indicators**

Pat Armstrong, York University, Canada

Karen Messing, University of Quebec at Montreal

**Back to basics: How do we know what we know?**

Sally Wyatt, University of Amsterdam

Flis Henwood, Univeristy of Brighton

**3.1J – SESSION: THE SECRET HISTORY OF OPEN SOURCE**

Organizer: Thomas Haigh University of Wisconsin, Milwaukee

Chair: Thomas Haigh

**The Corporate Origins of Open Source Software**

Thomas Haigh, University of Wisconsin--Milwaukee

**Downloading Communism: Open Source and File Sharing as Samizdat**

Maria Haigh, University of Wisconsin--Milwaukee

**Agency, Locality, and Representation in Proprietary and Open Source Software: Silences, Voices, and Concretizations**

Michael Felczak, and Andrew Feenberg, Simon Fraser University

**Missing the Future?: Murray Leinster, Vernor Vinge, and Science Fiction's Prescient and Less-Than-Prescient Views of Open Source, Networks, and Personal Computers.**

David Ferro, Weber State University

**Discussant: Atsushi Akera, Rensselaer Polytechnic Institute**

**3.1K – SESSION: SHIFTING GEAR: WHAT DO CHANGES IN AUTOMOTIVE INFRASTRUCTURES REVEAL?**

Organizer: Jameson Wetmore, Arizona State University

Chair: Jameson Wetmore

**Parking is Such Sweet Sorrow: disruptions and the moral order of traffic regulation**

Daniel Neyland, University of Oxford

Steve Woolgar, University of Oxford

**Created in his Own Image: The Crash Test Dummy as Critical Infrastructure**

Jameson M. Wetmore, Arizona State University

**Make Way for the Motor Age: The Social Reconstruction of the City Street**

Peter Norton, University of Virginia

**Workers on the Seoul City Bus: from 'Anneyang' to T-money**

Jong-Min Lee, Virginia Tech

**Cyborg Artifacts: Visible Concealment in the Rouge Tour**

Wendy Michael, University of Michigan

**3.1L – SESSION: INVOKING DIFFERENCE: SILENCING 'RACE' AND THE TALKING GENE**

Organizers: Pei Koay, Rice University; Bettina Bock v. Wülfingen, University of Bremen; Michelle McGowan, University of Washington

Chair: Pei Koay

**University Representing 'Asian' genomics: (e)-racing states, science, and bodies**

Pei Koay, Rice University

**Producing Users of Preimplantation Genetic Diagnosis: Dominant and Marginalised Discourses in the US**

Michelle McGowan, University of Washington, Seattle

**Reproducing the future – time, space and emancipation in genetic conceptions**

Bettina Bock v. Wülfingen, University of Bremen

**Racializing Risk**

Shelley Reuter, Concordia University

**Genotyping the Future: Scientists' Expectations about Race/Ethnicity and Genetics after BiDil®**

Richard Tutton, University of Nottingham

**3.1M –AUTHOR MEETS CRITICS: *THE EFFORTLESS ECONOMY OF SCIENCE* BY PHILIP MIROWSKI (DUKE UNIVERSITY PRESS, 2004)**

Organizer: Wenda Bauchspies, Pennsylvania State University

**Discussants: Martha Lampland, University of California, San Diego; Martina Merz, University of Lausanne; Daniel Breslau, Virginia Tech**

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**3.2E – SESSION: TECHNOLOGIES OF (ANTI-) AGING: PROMISES AND PREDICTIONS**

Organizer: Jennifer Fishman, Case Western Reserve University

Chair: Jennifer Fishman

**Futures, Histories, and Predictions in Anti-Aging Medicine**

Courtney Mykytyn, University of Southern California

**On the Margins or at the Vanguard?: Practitioners' Engagement with Anti-Aging Medicine**

Jennifer Fishman, Case Western Reserve University

Roselle Ponsaran, Case Western Reserve University

**Bound to the Clinic: Life in the Wake of Medically-Achieved Longevity**

Janet Shim, University of California, San Francisco

Ann Russ, University of California, San Francisco

Sharon Kaufman, University of California, San Francisco

**Meanings of Bio-Relations and Genetic Risk: Alzheimer's Disease and Aging in a Genomic Information Age**

Laura Mamo, University of Maryland

Jennifer Fosket, McGill University

**Discussant: Janet Shim, University of California, San Francisco**

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**3.2F – SESSION TITLE: TRANSGENE TRANSGRESSIONS: CONTROVERSIES OVER TRANSGENIC MAIZE IN MEXICO**

Organizers: Jason Delborne, University of Wisconsin-Madison and Abby Kinchy, University of Wisconsin-Madison

Chair: Jason Delborne

**GM Maize as Cultural Crisis—Reactions among Zapotec Farmers to Transgenic Crops**

Roberto J. Gonzalez, San José State University

**Knowledge Work in the Social Movement against Transgenic Maize in Mexico: Implications of the Claim that Transgenes Cause Maize Malformations**

Abby J. Kinchy, University of Wisconsin-Madison

**Transgenes and Transgressions: Spectrums of Scientific Dissent**

Jason A. Delborne, University of Wisconsin-Madison

**The Case of the Disappearing Transgenes: Analyzing the Roles of Values and Facts in Interpreting Scientific Data on Transgenes in Maize Landraces in the Sierra Juárez, Oaxaca, Mexico**

David A. Cleveland, University of California, Santa Barbara

Daniela Soleri, University of California, Santa Barbara

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**3.2G – SESSION: SCIENTIFIC CONFERENCES: KNOWLEDGE, COMMUNITY, ACTIVISM**

Organizers: Cyrus Mody, and Arthur Daemmrich, Chemical Heritage Foundation

Chair: Cyrus Mody

**The Secret Lives of Scientists: Conferences as a Setting for Scientific Activism**

Fiona Murray, Massachusetts Institute of Technology

**Conferences, Community, and Nanotechnology: From Birth to Rebirth**

Cyrus Mody, Chemical Heritage Foundation

**Positioning as Central and Frontier: The Gordon Research Conferences and Scientific Infrastructure**

Arthur Daemmrich, Chemical Heritage Foundation

**Conferences as Knowledge Makers**

Harry Collins, Cardiff University

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**3.2H – SESSION: LABOR AND THE CONTRADICTIONS OF SCIENCE [WORKING SESSION]**

Chair: Javier Lezaun, London School of Economics

**Immaterial and Affect Labor in the Changing and Enduring Worlds of Patient Care and Health Systems: from Spinoza to radical Italian sociology and ethics in relations**

Judith Gregory, Illinois Institute of Technology

**Molecular recombinations and the value of labour in the bioeconomy**

Javier Lezaun, London School of Economics

**The Maturing of the Structural Contradictions of European Science**

Jerome Ravetz, Oxford University

**Socio-technical analysis of slave workforce-based production systems (Africa-America, between the XVI and XIX centuries). A theoretical-methodological proposal**

Hernán Thomas, Universidad Nacional de Quilmes/CONICET - Argentina

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**3.2I – ARTISTS INVESTIGATING AND EMPLOYING INTERSPECIES COLLABORATION [NEW MEDIA]**

Chairs: Lisa Jevbratt, University of California-Santa Barbara; Beatriz da Costa, University of California-Irvine

**PigeonBlog**

Beatriz da Costa, Univ. California Irvine

**Animal Gene Products: Repurposing Retired Breeders and Refuge**

Kathy High, Rensselaer Polytechnic Institute

**Interspeciescollaboration.net**

Lisa Jevbratt, Univ. California Santa Barbara

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**3.2J – SESSION: WHAT SHOULD THE HUMANITIES OFFER TO SCIENCE AND TECHNOLOGY POLICY? [WORKING SESSION]**

Organizers: Adam Briggie, University of Colorado; Britt Holbrook, University of North Texas; and Robert Frodeman, University of North Texas

Chair: Robert Frodeman, University of North Texas

**Lessons from Katrina: Engineering, Science, and the Policy Turn in the Humanities**

Robert Frodeman, University of North Texas

**Suffering in Silence: What Can Scientist's Say about the Broader Societal Impacts of their Research, and Why Aren't They Saying It?**

Britt Holbrook, University of North Texas

**Species consciousness and mass extinction: paths to a clearing.**

David Eaton, California State Univ., Chico

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**3.2K – SESSION: FACT(ORY)/LABOR(ATORY)**

Organizers: Park Doing, and Stephen Hilgartner, Cornell University

Chair: Park Doing

**The Labor Politics of Experiment and Technique at a Modern Synchrotron Laboratory**

Park Doing, Cornell University

**Epistemic Politics in the Soviet Nuclear Power Industry**

Sonja Schmid, Stanford University

**Factory-Talk and Institution Building in the Human Genome Project**

Stephen Hilgartner, Cornell University

**Undisclosed Work: The Rhetoric of Effortlessness in Science**

James W. McAllister, University of Leiden

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**3.2L – SESSION: WHAT DO THEY KNOW? AND HOW DO THEY KNOW IT?  
AMATEURS, HOBBYISTS, AND RETHINKING THE NATURE OF EXPERTISE**

Organizer: Kalpana Shankar, Indiana University-Bloomington

Chair: Kalpana Shankar

**Wind, water, and wi-fi: Volunteers, online networks, and Internet service deployment in the Hurricane Katrina aftermath**

Kalpana Shanka, Indiana University-Bloomington

Muzaffer Ozakca, Indiana University-Bloomington

**Stabilizing performances: The emergence of a community eelgrass mapping network**

Leanna Boyer, Wolff-Michael Roth and Nikki Wright, University of Victoria

**Great SCOT!: Grid group sociology, SCOT, and the Xbox 360**

Colin Beech, Rensselaer Polytechnic Institute

**Rubber duck collectors: Of amateurs, experts, and the serious side of silly business**

Charlotte P. Lee, University of California-Irvine

Ciaran Trace, University of Wisconsin-Madison

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**3.2M – SESSION: PATIENTS AND MEDICINE: EMERGENCE, VISIBILITY AND TRANSFORMATION**

Chair: Madeleine Akrich, Ecole des Mines de Paris

**Age, Space, and Danger: Regulating Sex Hormones**

Katherine Thomson, University of California, San Francisco

**Visible Bodies, Invisible Politics: The Visible Human Male and the Politics of Death**

Rachel Prentice, Cornell University

**Experiencing and experimenting together : E-groups as laboratories for patients' collective action**

Madeleine Akrich, Ecole des Mines de Paris

Cécile Méadel, Ecole des Mines de Paris

**Elusive Diseases and Contested Diagnoses: The Case of Interstitial Cystitis**

Jessica Lyons, Rensselaer Polytechnic Institute

**Challenging the Noise/Silence Dichotomy: the Case of Palliative Care in Canada**

Erin M. Rehel, Brandeis University

**Saturday Lunch**

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**ROUNDTABLE: STS ENGAGED: A CONVERSATION ON THE FUTURE OF STS  
EXPERTISE AND THE PARTICIPATORY TURN** CO-SPONSORED BY 6S

Organizers: Wyatt Galusky, SUNY-Morrisville and Benjamin R. Cohen, University of Virginia

This lunch-hour session is part of the STS Engaged series, which foregrounds questions of interdisciplinary STS expertise and of audience. This caucus will involve a discussion for and among graduate students and junior scholars, engaging the topics of STS interdisciplinary expertise and the positioning of that expertise in various forums - traditional and non-traditional.

**Discussants: Matthew R. Harsh, University of Edinburgh; Wyatt Galusky, SUNY-Morrisville; Jason Delborne, University of Wisconsin-Madison; Benjamin R. Cohen, University of Virginia**

**Saturday 3:30-3:15PM**

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**3.3E – SESSION: WICKED, NOISY, AND DEFINITELY NOT NORMAL**

Organizer: Mavis Jones, University of East Anglia

Chair: Mavis Jones

**Science-based policy or politics-based science? The EU Impact Assessment system through a sustainable development lens**

John Turnpenny, University of East Anglia

**“Energizing” UK climate change policies: shaping and changing policies around these two wicked issues**

Irene Lorenzoni, University of East Anglia

**Open for business. Transparency and representation in biotechnology governance**

Mavis Jones, University of East Anglia

**Public Value Mapping for the Assessment of Big Science Policy: will the US Climate Change Science Program contribute to policy and decision making?**

Ryan Meyer, Arizona State University

**The Implications of the ‘New Genetics’ for the Structuring of Health Care Delivery in the United Kingdom**

Helen Cox, University of York

**Discussant: Nick Pidgeon, School of Psychology, Cardiff University**

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**3.3F – SESSION: LIBERATING THE CIRCUITS AND THE SOURCE CODE: TOWARD A DEMOCRATIC PRAXIS OF TECHNOLOGY**

Organizer: Brent Jesiek, Virginia Tech

Chair: Brent Jesiek

**Open Source as Constitutively Productive Democracy**

Jeremy Hunsinger, Virginia Tech

**Democratizing Hardware: Lessons from the Free and Open Hardware Movement**

Brent K. Jesiek, Virginia Tech

**European Citizens and Privileged Witnesses: Activism Against Software Patents in Europe**

Jelena Karanovic, New York University

**Performing Technoscientific Entrepreneurship**

Fernando Elichirigoity, University of Illinois at urbana-Champaign

**The Distributed Laboratory: The Internet and 21st Century Citizen Science**

Tyson Vaughan, Temple University

**Learning with Kepler middleware: Visualizing the process of science**

Samantha Romanello, University of New Mexico  
Deana Pennington, University of New Mexico  
Laura Downey, University of New Mexico

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**3.3G – SESSION TITLE: THE BOUNDARIES OF SCIENCE IN AFRICA:  
MISTRUST, SURVIVAL, APPROPRIATION**

Organizer: Grace Davie, Queens College-CUNY  
Chair: Grace Davie

**Appropriating Boundaries: Social Movements and Poverty Research in  
South Africa**

Grace Davie, Queens College-City University of New York

**Conjuring Global Traditions and African Medicines**

Stacey Langwick, University of Florida

**Global Science and the Development of the Nation**

Josephine Beoku-Betts, Florida Atlantic University

**White Machines, Black Bodies, ‘Gray’ Science: (Ultra) Sound Research  
Practices in Tanzania**

Babette Mueller-Rockstroh, Maastricht University

**Appropriating Technology: What Goes Where and How Does It Get There?**

Marianne de Laet, California Institute of Technology

**Discussant: Stacy Leigh Pigg, Simon Fraser University**

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**3.3H – SESSION: LOCAL ENVIRONMENTS AND NON-LOCAL PROBLEMS  
[WORKING SESSION]**

Chair: Rick Worthington, Pomona College

**Black Rocks, Borderlands, and the Big Bend: Air Pollution on the Rural  
U.S.-Mexico Border**

Francisco Donez, University of California, Berkeley

**Perspectives on technology, agriculture and farmers: the Monsanto  
Smallholder Programme**

Dominic Glover, Institute of Development Studies

**Constituting Risk and a Risk Community: Radiological Suffering,  
Democratic Survival, and the Hanford Downwinders’ Challenge to Nuclear  
Silence**

William J. Kinsella, North Carolina State University

**Stream Restoration: Emerging discipline, emerging market**

Rebecca Lave, UC Berkeley

**Research, Policy and Social Change: The Role of Community-Based Research**

Rick Worthington, Pomona College

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**3.3I – THE USES OF MOBILE WIRELESS TECHNOLOGIES: DIFFERENT PERSPECTIVES ON NEW MEDIA STUDIES [NEW MEDIA]**

Chair: Judy Wajcman, Australian National University

**Turning a summons into a treat : musical mobile ring tones and the design of personalized and public so undscapes.**

Christian Licoppe, Ecole Nationale Superieure des Telecommunications

**Intimate Connections: The Impact of the Mobile Phone on Work Life Boundaries**

Judy Wajcman, Australian National University

**Noise, Sound and other Callings: Re-Placing the Discourse of Public and Private**

Heather A. Horst, University of Southern California.

**From autonomy to hybridizing: some aspects of the contextual work by which people connect or disconnect mobile phone uses to their proximal contexts.**

Marc Relieu, Ecole Nationale Superieure des Telecommunications

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**3.3J – SESSION: EVIDENCE-BASED MEDICINE**

Chair: Regula Valerie Burri ETH and University of Zurich

**Is That a Fact? Evidence-Based Medicine and Women's Health**

Denise Spitzer, University of Ottawa

**New methods for enhancing the reliability and usefulness of research findings: The research synthesis revolution**

Ingemar Bohlin, Gothenburg University

**When the standards aren't standard: evidence-based medicine in the Russian context**

Anna Geltzer, Cornell University

**Evidence-Based Activism: Adoption and Adaptation of Medical Science by Independent Midwives**

Bruce Hoffman Ohio University

**Unsettling alienation and profound embodiment: The re-conceptualization of phantom limbs as productive phenomenon**

Cassandra Crawford, University of California, San Francisco

**Overlooked spaces: medical imaging and its material environments**

Regula Valerie, Burri ETH and University of Zurich

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**3.3K – SESSION: CAPITAL AND AGGREGATE FORMS OF LIFE**

Organizers: Michelle Murphy, University of Toronto and Sabine Hoehler, University of Hamburg

Chair: Sarah Lochlann Jain, Stanford University

**Uncoiling and Recoiling: The Politics of DNA and Diet**

Hannah Landecker, Rice University

**Economizing Life, American Empire, and Birth in Aggregate**

Michelle Murphy, University of Toronto

**Modeling population health: how epidemiologic studies tie together**

Suzanne Bauer, Copenhagen University

**Human Surplus: Population Accounts in the Environmental Age**

Sabine Hoehler, University of Hamburg

**Discussant: Sarah Lochlann Jain, Stanford University**

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**3.3L – SESSION: IN THE ACADEMY/INTERDISCIPLINARY**

Chair: Raphael Sassower, University of Colorado

**Academic values under fire: commercialisation and research standards**

Maarten Mentzel, Delft University of Technology

**The Calling for Interdisciplinary Science**

Aaron Panofsky, New York University

Diana Rhoten, Social Science Research Council

**Realities of Retracted Publication? Analyzing Cases in Multidisciplinary Scientific Journals**

Takehiko Ishiguro, Doshisha Research Center for Human Security

**Learning Science: The Very Idea**

Norm Friesen, Simon Fraser University

**Aardvark et al.: The Status Returns to Names in Social Science and Beyond**

Dalton Conley, New York University

Rebecca Glauber, New York University

Giorgio Topa, New York Federal Reserve Bank

**Instrumentalities as drivers of cross-disciplinarity in bionanotechnology**

Ismael Rafols, University of Sussex

Martin Meyer, University of Sussex, Katholieke Universiteit Leuven, and Helsinki University of Technology

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**3.3M SESSION: MEASURING HEALTH I**

Chair: TBA

**Tracking Biological Science: The Construction of the Research Agenda**

Leah Nichols, University of California, Berkeley

**Contracts as means of collaboration in biotechnology product development**

Janne Lehenkari, University of Helsinki

Reijo Miettinen, University of Helsinki

Juha Tuunainen, University of Helsinki

**Keeping it Clean: The Role of Pharmaceutical Monitors in the Clinical Trials Industry**

Jill Fisher, Arizona State University

**Carving out a space for systems biology**

Jane Calvert, University of Exeter

**Making Progress: Material Engagement and Identity**

Robert Swieringa, Grand Valley State University

**Surveying humanness -politics of care improvement**

Randi Markussen, Aarhus University

Christopher Gad, University of Aarhus

Saturday **3:30-5:30PM**

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**3.4E – SESSION: DELEUZIAN INTERSECTIONS IN STS AND ANTHROPOLOGY**

Organizers: Casper Bruun Jensen, Copenhagen Business School and Kjetil Rødje,  
Simon Fraser University

Chair: Casper Bruun Jensen

**Between the planes: Deleuze and social science**

Steven D. Brown, Loughborough University

**Laughter and slave – a Deleuzean note on the powers of inscribed life**

Katie Vann, Royal Netherlands Academy of Arts and Sciences

**Deleuzian intersections in science, technology and anthropology: Tracing the rhizome D.**

Casper Bruun Jensen, Copenhagen Business School

Kjetil Rødje, Simon Fraser University

**Regimes of neurochemical control**

Scott Vrecko, London School of Economics

**Using ANT and rhizomes to uncover invasive species**

Brendon Larson, University of California, Davis

Colin Milburn, University of California, Davis

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**3.4F – SESSION: EXPERTISE, EXPERTS, RISK AND TRUST**

Chair: Philippe Mustar, Centre de sociologie de l'innovation

**Public engagement in STM: Ambivalent roles and boundary objects**

Wendy Faulkner, University of Edinburgh

Sarah Parry, University of Edinburgh

Sarah Cunningham-Burley, University of Edinburgh

**Comparing Safety Discourses: Historical and Contemporary Representations of Danger, Victims, and Prevention**

Eric Van Rite, University of California, San Diego

**The Trojan Mobile: EMF as an Agent for Technological Change.**

David Mercer, Wollongong

**Conflicting Definitions of Stress in the Air Traffic Controllers Strike, and the Value-ladenness of Knowledge**

Gerald Doppelt, University of California, San Diego

**Whither public trust in science?**

Jenny Dyck Brian, Arizona State University

**The Multiple Realities of Bioethics at the Science-Technology-Society Interface: Beyond Dichotomous Model of Academic and Citizens Sector**

Miwao Matsumoto, The University of Tokyo

Yuji Tateishi, The University of Tokyo

Atsushi Sadamatsu, The University of Tokyo

**The role of experts/ideas in international economic collaborations: The first decade of APEC**

Ray-Shyng Chou, University of California, San Diego

**3.4G – SESSION: EXPLORING CALCULATIVE AGENCY IN HUMAN-MACHINE ASSEMBLAGES**

Organizers: Helene Mialet, Berkeley and Natasha Schull, Columbia

Chair: Helene Mialet

**“You Vote. It Counts(TM)”: Electronic voting machines, computer security research and the re-legislation of democracy.**

Christopher Kelty, Rice University

**When machines can’t help**

Helene Mialet, UC Berkeley

**Calculating calculation: The case of Dyscalculia**

Tamar Posner, UC Berkeley

**Helping Silences Speak: Using Positional Maps in Situational Analyses in STS Projects**

Adele Clarke, University of California, San Francisco

**“Really New God”: Random Number Generators, Gambling Technology, and the Enchantment of Technology**

Natasha Schull, MIT

**Discussant: Michael Callon, CSI Ecole des Mines, Paris**

**3.4H – Session: Genetics, Race, and Identity [Working Session]**

Chair: Eun-sung Kim, Rensselaer Polytechnic Institute

**Remaking Difference While Making Profit? Race, Clinical Trial, and Pharmaceutical Industry in Taiwan**

Yu-Ling Huang, SUNY-Binghamton

**Genes, environment or society? Conceptualising the link between race, ethnicity and health in twenty-first century genetics**

Paul Martin, University of Nottingham

Richard Tutton, University of Nottingham

Richard Ashcroft, Imperial College London

George Ellison, St George's Hospital Medical School

Andrew Smart, Bath Spa University

**A loud silence: from controversy to discretionary discourse overproduction. Politics of genetic testing in Germany and UK**

Susanne Schultz, University of Hannover

**Genetic Maps and Social Suffering**

Sara Shostak, Columbia University

**Impure Bioethics: The Discursive Politics of American Bioethicists in the Human Embryo and Stem Cell Debate**

Eun-sung Kim, Rensselaer Polytechnic Institute

**3.4I – VIDEO ETHNOGRAPHY [NEW MEDIA]**

Organizers: Wes Shrum, Louisiana State University; Annette Burfoot, Queens University; Jennifer Poudrier, University of Saskatchewan

Chair: Wesley Shrum, Louisiana State University

**Why the Levees Broke: The Ceremony of Sheet Piles**

Wesley Shrum, Louisiana State University

**DNA Identification Technology in Human Rights Movements**

Lindsay Smith, Harvard University

**The Politics of Women's Dowries: Western Feminism, Technology and Social Change in South India**

Meredith Anderson, Louisiana State University

**Of Rocks, Radon, and Race: Uranium Miners in Namibia, South Africa and the United States**

Bruce Struminger, University of Michigan

Gabrielle Hecht, University of Michigan

**Protecting the Environment and Preventing Pregnancy Loss: A Conversation with Lois Gibbs, Executive Director of the Center for Health, Environment, and Justice**

Linda Layne, Rensselaer Polytechnic Institute

**3.4J – SESSION: MEASURING HEALTH II**

Chair: TBA

**The Art of Workarounds: two case studies of documentation systems in the healthcare sector.**

Marianne Tolar, Vienna University of Technology

Nina Boulus, Simon Fraser University

**The challenge of expertise in chemical related illnesses**

Rebecca Diggle, Institute for the Study of Genetics

**“My Next Dose?” Perspectives on the Potential Utility of Prognostic Genetic Testing in Rheumatoid Arthritis**

Susan Cox, University of British Columbia

**Doing Mode 2: Towards doability in nutrigenomic practice**

Bart Penders, Maastricht University

**Anti-ageing medicine and changing constructions of old age**

Michael Morrison, University of Nottingham

**Making up infertility: Stories of silence and suffering**

Janelle Lamoreaux, New School for Social Research

**Unscience fictions: Cloning, Secrecy, and Cultural Anxiety**

Caroline Bassett, University of Sussex

**Calculated Losses: Demography and the Hidden Politics of Infant Mortality**

Monica Casper, Vanderbilt University

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**3.4K – SESSION: INTERSECTIONS AND DIALOGUES ACROSS POSTCOLONIAL, FEMINIST, AND LABORATORY STUDIES OF SCIENCE**

Organizers: Joan Fujimura, University of Wisconsin-Madison and Amit Prasad, University of Missouri-Columbia

Chair: Joan Fujimura

**Outside the Lab/Field Site**

Sandra Harding, University of California-Los Angeles

**Feminist Transnational Technoscience Studies**

Kavita Philip, University of California-Irvine

**Colonial Contexts and Nationalist Imperatives: Caste and Gender in Modern Science in India**

Abha Sur, Massachusetts Institute of Technology

**Lessons from Nanobioscience in China for Science Studies**

Ricky Leung, University of Wisconsin-Madison

Joan Fujimura, University of Wisconsin-Madison

**Discussant: Warwick Anderson, University of Wisconsin-Madison****Having It Both Ways Since 1945: National Science Cultures and Borderless Civil Societies**

Sharon Traweek, University of California-Los Angeles

**Transnational Laboratories: Encountering Nations, Economies, Gender, and Postcolonialism in a Japanese Bioinformatics Laboratory**

Joan Fujimura, University of Wisconsin-Madison

**William James, the Dilemma of Psychological Science, and Conditions of Proof:  
A Postcolonial Reading**

Bernadette Baker, University of Wisconsin-Madison

**Science, Modernity, and the Non-west: An Analysis of Presidential  
Addresses of Indian Science Congress Association, 1914-2003**

Amit Prasad, University of Missouri-Columbia

**Discussant: Michael Fischer, Massachusetts Institute of Technology**

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**3.4L – SESSION: INFORMATION TECHNOLOGY**

Chair: TBA

**The Silent Proliferation of Virtual Reality; UnPacking the Video Game  
Industry**

Dimitrios Gripeos, University of California Irvine and California State University, Long Beach

**Eschatechnology: Computer Science, Survivalism, and Y2K**

Kurt Reymers, Morrisville State College

**New IC Technologies change awareness of Personal Information? – Citizen  
opinion survey for comparative study**

Arisa Ema, University of Tokyo

**Digital Citizenship - Older Adults in the Information Society**

Birgit Jaeger, Roskilde University

**Proteomics on the WWW: A Network without an Issue?**

Ruth McNally, ESRC CESAGen

Peter Glasner, ESRC CESAGen

**Information technologies, racialization, and the human genome**

Peter Chow-White, University of Southern California

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**3.4M – SESSION: REPRESENTING THE LOCALS: HOW INTERNATIONAL  
ORGANIZATIONS MAKE SCIENCE**

Organizers: Jericho Burg, UC San Diego; Olga Kuchinskaya, UC San Diego

Chair: Jericho Burg

**Food Insecure or Just Plain Hungry: How Humanitarian Organizations  
Define Famine**

Jericho Burg, UC San Diego

**A Categorical Conundrum: Defining “Urban Poor” in Bangalore**

Simanti Dasgupta, New School for Social Research

**Resistant to Treatment: The Use and Misuse of Scientific Knowledge about Drug-Resistant HIV in Africa**

Johanna Crane, Univ. of California, San Francisco/UC, Berkeley

**Children of Chernobyl: International Aid Efforts and the Problem of Scientific Uncertainty**

Olga Kuchinskaya, UC San Diego

**Developmentizing Poverty and Hunger Reduction in Kenya**

Marie Rarieya, Renssealer Polytechnic Institute

**Including Expert Dissent in Policy Making: A Case of AIDS, Science and the State in Post-Apartheid South Africa**

Manjari Mahajan, Cornell University

**Legacy of Cholera Research in Bangladesh: The Challenges of Science Studies in Postcolonial Context**

Saydia Kamal, Simon Fraser University

**Discussant: Wesley Shrum, Louisiana State University**

Saturday **Evening**

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**7:00-8:00pm RECEPTION**

**8:00-10:00pm PRESIDENTIAL PLENARY: SILENCE, SUFFERING AND SURVIVAL**

**Reasonable Suffering**

Rebecca Herzig, Bates College

**The Irritating Noise of Learning: Silencing the Security of Elders**

Sampsa Hyysalo, Helsinki Collegium for Advanced Studies

**Suffering and Hope: A Warrant for STS**

Stefan Timmermans, UCLA

**Silence and Surviving**

Susan L. Star, Santa Clara University

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**10-00-12:00PM 6S (STUDENT SECTION OF 4S) ANNUAL PARTY (VENUE TBD)**

Sunday 9:00-10:30AM

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**4.1C – SESSION: SECRECY, SILENCE AND CONTROL OF INFORMAL KNOWLEDGE**

Organizer: Chandra Mukerji, UC San Diego

Chair: Chandra Mukerji

**The Representation of Secrecy: Satellite Surveillance and the Militarization of Space**

Caren Kaplan, University of California, Davis

**The End of Digital Silence? First Nations Communities and SuperNet Access in Alberta, Canada**

Nadine I. Kozak, University of California, San Diego

**Erasure of Indigenous Women and the Authority of Engineering in 18<sup>th</sup>-Century France**

Chandra Mukerji, University of California, San Diego

**Healing Ancestral Wounds: Midwifery as Contested Healing Knowledge**

Carol Williams, Pennsylvania State University

**DNA Identification in Human Rights Abuse and Genocide Investigations**

Jay Aronson, Carnegie Mellon University

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**4.1D – SESSION: TECHNOLOGY, EXPERT KNOWLEDGE, AND MARKETS**

Organizer: Alex Preda, University of Edinburgh

Chair: Alex Preda

**Global financial technologies: scoping systems that raise the world**

Karin Knorr Cetina, University of Chicago

Barbara Grimpe, University of Konstanz

**Six Degrees of Reputation: The Uses and Abuses of Online Review and Recommendation Systems**

Shay David, Cornell University

Trevor Pinch, Cornell University

**Silent but Salient: Social Networks and Private Spaces in Economic Forecasting**

Robert Evans, University of Cardiff

**Technosciences, Markets, and Dialogical Democracy**

Michel Callon, Ecole des Mines

**Technical Analysis, and the Forecasting of Securities Prices**

Alex Preda, University of Edinburgh

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**4.1E – SESSION: CAPITALIZING RACE IN A GENOMIC AGE: REFLECTIONS ON COMMERCE, EQUITY AND REIFICATION IN BIOTECHNOLOGY**

Organizer: Jonathan Kahn, Hamline University School of Law

Chair: Jonathan Kahn

**Racial Boundary-Work: Genetic Ancestry Testing in Law and Leisure**

Alondra Nelson, University

**Pharmacogenomic Development and Global Health Disparities**

Sandra Soo-Jin Lee, Stanford University

**Patenting Race in a Genomic Age**

Jonathan Kahn, Hamline University School of Law

**Ancestry Informative Markers (AIMs): silencing the social critique of race in genetics**

Stephanie Fullerton, University of Washington

Joon-Ho Yu, University of Washington

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**4.1F – SESSION: FARMING LIKE A STATE: AGRICULTURE AND THE POLITICS OF EXPERTISE**

Organizers: Diana Mincyte, University and Christopher R. Henke, Colgate University

Chair: Diana Mincyte

**That ‘stupid prejudice against scientific agriculture’: political economy, mechanism, and the rhetoric of state science in nineteenth-century America**

Benjamin R. Cohen, University of Virginia

**Repairing Agricultural Environments, Maintaining Industry and State Power**

Christopher R. Henke, Colgate University

**Science, Development, and Small-Scale Farming in Europeanizing Lithuania**

Diana Mincyte, University of Illinois, Urbana-Champaign

**Organizational Change and the Role of Expert Knowledge in the Romanian Post-Socialist Agrarian Transformation**

Georgeta Vidican, MIT

**‘The Whole Country are Bad Farmers’: Empire and the Rhetoric of Improvement in the 18<sup>th</sup>-century British North Atlantic**

Anya Zilberstein, MIT

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**4.1G – SESSION: BIOMEDICINE, GENDER & SEXUALITY: THE POLITICS & PRODUCTION OF “SILENCE”**

Organizers: Katrina Karkazis, Stanford University and Karl Bryant, UCSB

Chair: Katrina Karkazis

**Erasing Knowledge, Excising Pleasure: What's Behind Technoscientific Rationales for Genital Surgery in Intersexuality**

Katrina Karkazis, Stanford University

**'Pretranssexual? Pretransvestite? Prehomosexual? Preheterosexual?' Gender Identity Disorder of Childhood and Narrow Frames of Scientific Interest**

Karl Bryant, UCSB

**New Silences for Old: The Use of Transgender in Medical and Public Health Discourses**

David Valentine, University of Minnesota

**Surfacing Men: Sexuality and the Science of AIDS in India**

Harris Solomon, Brown University.

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**4.1H – SESSION: PATIENTS, SUBJECTS, POWER, AND ETHICS [WORKING SESSION]**

Chair: Deborah Blizzard, Rochester Institute of Technology

**Postcolonial Panic: Science, Global Capital, and the Crisis over AZT**

Karen Booth, University of North Carolina at Chapel Hill

**Postmenopausal Women and Medical Knowledge Making**

SoYeon Park, Virginia Tech

**Professional Ambivalence in Assisted Conception: What Keeps You Awake at Night?**

Anne Kerr, University of Leeds, UK

**Thinking on your Feet: Managing the Unexpected and the Constitution of Patient Safety**

Jessica Mesman, University of Maastricht

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**4.1K – SESSION: RE/PRODUCING AND ENDANGERING SPECIES: QUESTIONS OF SURVIVAL IN THE REMAKINGS OF KIN AND KIND**

Organizer: Astrid Schrader, UC, Santa Cruz

**“Let the domestics do the reproductive work for the endangered species.” Reworking the specie body with cloning**

Carrie Friese, University of California, San Francisco

**When Hatchery Salmon Go Wild: Population-Making, Genetic Management, and the Endangered Species Act**

Heather Swanson, University of California, Santa Cruz

**Intimacy Without Proximity: Encountering Grizzlies as Companion Species**

Jacob Metcalf, University of California, Santa Cruz

**Phantomatic Species Ontologies: Untimely Re/productions of Toxic Dinoflagellates D.**

Astrid Schrader, University of California, Santa Cruz

**Discussant: Donna Haraway UC Santa Cruz**

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**4.1M – SESSION: “EXPERTISE,” LAY KNOWLEDGE, AND LOCAL ACTIVISMS: REVISITING CERTAINTY, RISK, NEUTRALITY IN LAW AND POLICY REFORM**

Organizer: Paisley Currah, Brooklyn College, City University of New York

Chair: Lisa Jean Moore, Purchase College SUNY

**The Social Construction of Technology and Lay Scepticism of HIV/AIDS Biomedicine**

Kevin Corbett, Liverpool John Moores University

**Manufacturing scientific uncertainty as a socio-institutionally enhanced practice.**

Mathieu Craye, European Commission DG Joint Research Centre

**‘We Don’t Know Who You Are’: Birth Certificate Policy Reform, Transgender Activism, and Medical Expertise**

Paisley Currah and Lisa Jean Moore, City University of New York

**Lay Knowledge: the Missing Middle of the Expertise Debates**

Sarah Wilcox, Sarah Lawrence College