4S 2013
Society for Social Studies of Science
October 9-12
Town and Country Resort and Convention Center
San Diego, California
President’s Message

Dear Participants:

On behalf of 4S I would like to welcome you to San Diego. This really is the place to do science studies by the ocean - but you may have to wait for our special after-banquet party on the beach to actually get to the ocean! We didn't want anyone sloping off from sessions to go surfing.

For me San Diego has always been a special place. I gave my first-ever talk in the US here at the Salk Institute in 1977 - I was the guest of a then unknown researcher, Bruno Latour. As many of you are aware, UCSD has a wonderful science studies program, and I am delighted to say that through the auspices of Martha Lampland, her colleagues, and students, they have played an active role in helping with the local arrangements and shaping the program. We have to thank Roli Varma for once more doing a splendid job with the detailed planning of the program and Wes Shrum, our loyal Secretary, for making sure this event happens and keeps on the rails.

We are keeping with the tradition we established at Copenhagen of having our prize awards at a special plenary session rather than at the banquet, so please come to that session to celebrate with our prize
winners and also to hear about the upcoming meeting in Argentina.

4S is a big meeting these days, and one advantage of the hotel format is that everyone will be in the same space. So although we have many parallel sessions, you should be able to meet everyone in the jostling between sessions as well. Enjoy the meeting and never become complacent about science studies. We provide an intellectual home for many people with diverse interests and backgrounds, and it is the work of everyone who comes to these meetings to make sure that 4S continues as the vibrant, slightly raucous community which welcomes everyone including nonhumans, multi or is it multiple species and, as I learnt under former president, Mike Lynch, even has room for zombies (but not too many hopefully). So see you at the opening Presidential Plenary on Wednesday where we kick off with a session on science studies and sound studies.

Trevor Pinch,
President.
From the Program Chair

I extend thanks to Trevor Pinch who trusted me in putting the program together. Wes Shrum made the management of this meeting easier with his knowledge and accumulated experience of many previous meetings. Steve Coffee helped greatly with everything having to do with electronic communication, Technoscience, the 4S website, audiovisual equipment, printing the program, and more.

My graduate student assistant Mohemmad Yahyah Shoaib Hansia provided enormous help in editing submissions and scheduling sessions in rooms. Finally, I must thank the Town & Country Resort and Convention Center staff, who were very professional and flexible in finding ways to meet the unique requirements of this meeting.

Roli Varma, 4S Program Chair, 2013

University of New Mexico, Albuquerque, US; Central University of Finance & Economics, Beijing, China
4S Governance

President: Trevor Pinch
Cornell University

President Elect: Gary Downey
Virginia Tech

Past President: Judy Wajcman
London School of Economics

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Louisiana State University

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Term expires Fall, 2015

Wen Hua Kuo
National Yang-Ming University

Vivian Lagesen
NTNU: Norwegian University of Science and Technology

Kelly Moore
Loyola University-Chicago

Student Representatives

Jess Bier
Samuel Tettner
Exhibits

Publishers with tables in the Book Exhibit include:

Taylor & Francis

The MIT Press

Duke University Press

National Science Foundation

At the Silent Auction Book Exhibit books from the following presses will be on display and available for purchase on Saturday at noon to the highest bidder (proceeds benefit graduate student travel awards):

Princeton University Press
Cornell University Press
The Johns Hopkins University Press
University of California Press
Indiana University Press
University of Chicago Press
Movie Screenings

This year, for the first time, the Call for Submissions to the annual meeting included scholarly movies as well as papers. Five stand-alone movies will be screened (Atomic Junction; Brother Time; The Good, the True and the Beautiful; Hey Watch This; and Sediment in the Anthropocene) in the Golden Ballroom One, afternoons at 2pm, and two dozen short films will be presented as part of regular sessions.

With the growing importance of audiovisual media in the academic world, 4S has joined with the International Social Science Council in supporting the creation of the Ethnografilm festival, to be held each April in Paris! http://ethnografilm.com
WEDNESDAY, OCTOBER, 9

001. Registration
1:00 to 7:00 pm
Golden Pacific Foyer

002. Publication Committee Meeting
1:00 to 3:00 pm
Terrace Salon Three

003. 4S Council Meeting
3:00 to 6:00 pm
Terrace Salon Three

004. Presidential Plenary: Oyez, Oyez, Oyez! Sound Studies and Science and Technology Studies
6:00 to 7:30 pm
Pacific Ballroom

005. WELCOME RECEPTION (All Welcome)
7:30 to 9:00 pm
Pacific Ballroom

THURSDAY, OCTOBER, 10

006. Registration
8:00 to 5:00 pm
Golden Pacific Foyer

007-026 Concurrent Sessions
8:30 to 10:00 am
AT A GLANCE

COFFEE BREAK
10:00 to 10:30 am
Golden Pacific Foyer

028-047 Concurrent Sessions
10:30 to 12:00 pm

LUNCH (Mix & Mingle, See the list of restaurants)

048. East Asian Science, Technology and Society (EASTS) International Editorial Board Meeting
12:00 to 2:00 pm
Galleria One

12:00 to 2:00 pm
Golden Ballroom One

050. Roundtable: Popularity Contests: STS Beyond the Academy
Golden Ballroom Two

051. Engineering Studies Journal Editorial Board Meeting
12:00 to 2:00 pm
Fairfield

052-071 Concurrent Sessions & Film
2:00 to 3:30 pm

COFFEE BREAK
3:30 to 4:00 pm
Golden Pacific Foyer
073- 093 Concurrent Sessions
   4:00 to 5:30 pm

094.  4S Business Meeting
   5:30 to 6:30 pm
   Eaton

Good Vibrations Beach Party and Bonfire
   (Ticketed event)
   6:30 to 10:00 pm
   Meet in Golden Pacific Foyer

FRIDAY, OCTOBER, 11

095.  Registration Friday
   8:00 to 5:00 pm
   Golden Pacific Foyer

096-116. Concurrent Sessions
   8:30 to 10:00 am

COFFEE BREAK
   10:00 to 10:30 am
   Golden Pacific Foyer

118- 138 Concurrent Sessions
   10:30 to 12:00 pm

LUNCH (Mix & Mingle, See the list of restaurants)

139.  Science, Technology & Human Values Editorial Board Meeting
   12:00 to 2:00 pm
   Fairfield
140. New Genetics and Society Journal Editorial Board Meeting
   12:00 to 2:00 pm
   Galleria One

141-161. Concurrent Sessions & Film
   2:00 to 3:30 pm
   Ascot

COFFEE BREAK
   3:30 to 4:00 pm
   Golden Pacific Foyer

163-181 Concurrent Sessions
   4:00 to 5:30 pm

182. Presidential Prize Plenary
   6:00 to 7:30 pm
   Town and Country Room

183. 4S Banquet (All Welcome)
   7:30 to 11 pm
   Golden Ballroom and Lion Fountain Court

SATURDAY, OCTOBER, 12

184. Registration Saturday
   8:00 to 12:00 pm
   Golden Pacific Foyer

185-204 Concurrent Sessions
   8:30 to 10:00 am
AT A GLANCE

COFFEE BREAK
10:00 to 10:30 am
Golden Pacific Foyer

206-224 Concurrent Sessions
10:30 to 12:00 pm

LUNCH (Mix & Mingle, See the list of restaurants)

225. Social Studies of Science Editorial Board Meeting
12:00 to 2:00 pm
Galleria One

226. Roundtable: Doing Situational Maps for STS Project Design & Analysis
12:00 to 2:00 pm
Golden Ballroom One

227-246. Concurrent Sessions & Film
2:00 to 3:30 pm

COFFEE BREAK
3:30 to 4:00 pm
Golden Pacific Foyer

248-267 Concurrent Sessions
4:00 to 5:30 pm
001. **Registration Wednesday**  
1:00 to 7:00 pm  
*Golden Pacific Foyer*

002. **Publication Committee Meeting**  
1:00 to 3:00 pm  
*Terrace Salon Three*  
Chair: **Kelly Moore**, Loyola University-Chicago

003. **4S Council Meeting**  
3:00 to 6:00 pm  
*Terrace Salon Three*  
Chair: **Trevor Pinch**, Cornell University

004. **Presidential Plenary: Oyez, Oyez, Oyez! Sound Studies and Science and Technology Studies**  
6:00 to 7:30 pm  
*Pacific Ballroom*  
Chair: **Trevor Pinch**, Cornell University  
Participants:  
- MP3: Listening Practices and the Construction of Media Technologies. *Jonathan Sterne, McGill University*  
- Format Theory, or Revitalizing Science and Technology Studies. *Karin Bijsterveld, Maastricht University*  
- What Does Sound Studies Teach Us About Technics? *Mara Mills, New York University*

005. **Welcome Reception**  
7:30 to 9:00 pm  
*Pacific Ballroom*
006. Registration Thursday
   8:00 to 5:00 pm
   Golden Pacific Foyer

007. Scientific Communities and Work
   8:30 to 10:00 am
   Ascot
   Chair: Hee Je Bak, Kyung Hee University

Participants:

Limiting Our Obligations to Dissenters. Kristen Intemann, Montana State University; Inmaculada de Melo-Martín, Weill Cornell Medical College

The Boundary between or above University-Industry Relationship: How Can Incubator Successfully Run by University Professors? Chadwick Wang, Tsinghua University; Luhao Wang, Tsinghua University

The Bureaucratization of Science: Size and Structure of Scientific Work Groups. John P Walsh, Georgia Tech; You-Na Lee, Georgia Tech

Patterns of Communication among the Academic Research Community in a Developing Country. Petronilla Muthoni Muriithi, University of Brighton; David Horner, University of Brighton; Lyn Pemberton, University of Brighton

The Cultural Effects of the Developmental State on Science: the Norms and Practices of Korean Scientists. Hee Je Bak, Kyung Hee University
008. Affect, Emotion, and Digital Media: I  
8:30 to 10:00 am  
Brittany  

Chair: **Luke Stark**, New York University  

Participants:  

Avatars in the Wild: Crippling and Queering Digital Games via Embodied Diagramming. **Sandra Danilovic**, University of Toronto  

Homo Economicus and the Smartphone: How Digital Media Creates Neoliberal Subjects. **Samuel M. Jay**, University of Denver  

Light, Color, Affect and Stress. **Jaime Snyder**, Syracuse University; **Mark Matthews**, Cornell University; **Saeed Abdullah**, Cornell University; **Yohan Ko**, Cornell University; **Geri Gay**, Cornell University  

On Videogames and Drones: Technology, Entertainment and (Post)Modern Warfare. **Alcides Eduardo dos Reis Peron**, Campinas State University; **Rafael Dias**, Campinas State University  

Discussant:  

**Melissa Gregg**, Intel  

009. Expertise in STEM & Medicine  
8:30 to 10:00 am  
Clarendon  

Chair: **Mike Gorman**, University of Virginia  

Participants:  

Constitution of Technological Risks: The Carbon Nanotube’s Case. **Tade-Ane Amorim**, UDESC
Risk Perceptions and Research Choices of University Bioscientists. *Dilshani Sarathchandra, Michigan State University*

Training for the Development of Tacit Knowledge. *Paulo Marques, Vale; Rodrigo Ribeiro, Federal University of Minas Gerais - Brazil*

Citizen Science or Biosecurity Threat: Extending Dual Use Governance to Amateur Biologists. *Catherine Jefferson, King's College London*

Jean Ayres and the Development of a Scientific Paradigm for Diagnosing and Treating Learning Disorders. *Mike Gorman, University of Virginia*

010. **Contradictory Collaborations: Science, Nature and the Postcolonial State in the Making of Environmental Crises**

*8:30 to 10:00 am*

*Crescent*

**Chairs:**

*Eren Zink*, Uppsala University

*Martin Skrydstrup*, University of Copenhagen

**Participants:**


Ethos of Care Versus Eco-Systems Services: Scientists Respond to Arctic Environmental Change. *Mark Vardy, Queen's University*
Plural Positions, Data Differences: Re-Thinking International Scientific Collaborations in the Brazilian Amazon. *Antonia Caitlin Walford, CRESC/OU*

Reclaiming the Land of Many Waters: A Social History of Coastal Engineering in Guyana. *Summer Gray, University of California Santa Barbara*

Strange Bedfellows: Encounters between the Postcolonial State, Science and Indigeneity in the Making of Kenya's Water Towers. *Martin Skrydstrup, University of Copenhagen*

**011. Mapping Risky Health Technologies**  
*8:30 to 10:00 am*  
*Eaton*

Chair: *Anja Marie Bornø Jensen*, University of Copenhagen

Participants:

Part and Whole: Governing Risk in Bodily Transfers.  
*Klaus Hoeyer, University of Copenhagen*

The Hybrid Cadaver: How Medical Students Engage with the Multiplicity of the Dead Body. *Maria Olejaz, University of Copenhagen*

The Irreducible Ambivalence of Technical Improvements. Towards a Pharmacology of Genetic Enhancement Technologies’. *Pieter Lemmens, Radboud University Nijmegen*

Science and Organizational Change on São Paulo Cancer Research Agenda, Brazil. *Renan Gonçalves Leonel, State University of Campinas, UNICAMP; Maria Conceição da Costa, University if de Campinas*
“I Took the Eyes and Sneaked Out” - The Professional Challenges of Handling Organ and Tissue Donors.

Anja Marie Bornø Jensen, University of Copenhagen

012. Comedo Ergo Sum: The Role of Science and Technology in Food and Eating: I
8:30 to 10:00 am
Garden Salon One
Chair: Xaq Frohlich, Independent Researcher
Participants:

An Anticipatory Social Assessment of Factory-Grown Food. Carolyn S Mattick, Arizona State University; Jameson Wetmore, Arizona State University

Empirical Ontology of Scientific Uncertainty: Expressions of Uncertainty in Food Risk Analysis.
Akos Rona-Tas, University of California, San Diego; Sandrine Blanchemanche, INRA, Paris; Antoine Cornuéjols, AgroParisTech, Paris; Antonin Duroy, AgroParisTech, Paris; Christine Martin, AgroParisTech, Paris

Encountering “Nanofood”. How Austrian Citizens Appropriate an Emerging Technology in the Field of Food and Nutrition. Simone Schumann, University of Vienna

Discussant:
Heather Paxson, MIT

013. Doing Multiplicity and Postcoloniality: I
8:30 to 10:00 am
Garden Salon Two
Chair: Britt Kramvig,UIT The Arctic University of
THURSDAY

Norway

Participants:


Negotiating Terrains: Stories from the Making of “Siida”. Britt Kramvig, UIT The Arctic University of Norway; Torun Granstrøm Ekeland, UiT Artic University of Norway

Some Clever Arrangements Involving Land, Property, and People: Cases from the Rural Cadastre in Poland. Francis Harvey, University of Minnesota


Living Along the Fenceline: Indigenous Women’s Knowledge on Colonialism and Militarism. Ellen-Rae Cachola, UCLA; Ayano Ginoza-Loffler, University of California Los Angeles

014. Algorithmic Living: I
8:30 to 10:00 am
Golden Ballroom One

Chairs:

Kaiton Williams, Cornell University
Natasha Dow Schull, MIT

Participants:

Modernity Redux. Phoebe Sengers, Cornell University
Do Algorithms Trust the Living? Gillian R Hayes, University of California, Irvine

Fish as Data: How Much Is Enough? Hrönn Brynjarsdóttir Holmer, Cornell University

Hyper-scheduling the Self: Technologically Mediated Calendars and the Quantification of Daily Life. Melissa Mazmanian, University of California, Irvine

Spectacular Algorithms. Malte Ziewitz, New York University

015. New Data Relationalities: Publics, Practices, and Subjectivities
8:30 to 10:00 am
Hampton

Chair: Kirk Jalbert, Rensselaer Polytechnic Institute

Participants:

Promising Data for Public Empowerment: Grassroots Water Monitoring for Pollution from the Natural Gas Industry. Kirk Jalbert, Rensselaer Polytechnic Institute

Can the Model Teach? Environmental Governance through Technical Practice. Erik Bigras, Rensselaer Polytechnic Institute

Diagnosing Data: Tracking Asthma Through U.S. Agencies and Beyond. Alison Kenner, Drexel University

Before Big Data: Information, Organization and Institutional Geography in the Emergence of the Environmental Sciences in U.S. Higher Education. Nathan Woods, CUNY Graduate Center
016. Academic Cultures and Presentation Practices
8:30 to 10:00 am
Floor 2 - Pacific Salon Five
Chair: Alexandra Supper, Maastricht University
Participants:
Data Karaoke: An Ethnography of the International Conference on Auditory Display. Alexandra Supper, Maastricht University
Tweeting the Visible College: Debates Around the Live Dissemination of Scholarly Research. Courtney Loder, University of California, Irvine
Frontstage: Audience Participation, Dialogue, and Dissemination in the Sciences and the Arts. Megan K Halpern, Cornell University
Considering the Broader Impacts Criterion as a Failed Boundary Object. Sarah Perrault, University of California, Davis
Technology Usage and Research Productivity in Japan, Singapore, and Taiwan. Akshay Bhagwatwar, Kelley School of Business, Indiana University; Noriko Hara, Indiana University; Marcus Ynalvez, Texas A&M International University

8:30 to 10:00 am
Floor 2 - Pacific Salon Four
THURSDAY

Chairs:

Matthew Ratto, University of Toronto
Garnet Hertz, University of California, Irvine

Participants:

Experience and Conversation in Making. Nassim JafariNaimi, Georgia Institute of Technology
Speculating the Multispecies Internet. Anne Galloway, Victoria University of Wellington
Codesigning Technoscience: Reflections on a Digital STS Workshop. Yanni Alexander Loukissas, Harvard University; Laura Forlano, Illinois Institute of Technology
Making Sense of Materiality: Building Kits for Thinking. ginger "all-lower-case" coons, University of Toronto; Dan Southwick, University of Toronto

018. Disaster STS I: Geographies and Geopolitics
8:30 to 10:00 am
Pacific Salon One
Chair: Vivian Y. Choi, Cornell University

Participants:

Advocating for Disasters: Competing etworks of Disaster Studies in Evolving Geopolitical Contexts. Lydie Cabane, Sciences Po Bordeaux; LAM - CED; Sandrine Revet, Sciences Po, CERI
THURSDAY

Disaster for Whom?: The Politics of Security and Invasion in Urban Stream Restoration. Jennifer T. Mokos, Vanderbilt University

Imagined Disasters in India’s Nuclear Energy Landscape. Monamie Bhadra, Arizona State University

Mediated Maps: Geographic Interoperability Issues Following Global Disasters. Laura Imaoka, University of California, Irvine

Discussant: Johanna Crane, University of Washington-Bothell

019. Dirt: Thinking with and about Soil
8:30 to 10:00 am
Floor 2 - Pacific Salon Seven
Chair: Beth Reddy, University of California, Irvine

Participants:


Dirt, Technoscience, and Cleansing on the Pacific Crest Trail. Ellie Harmon, University of California, Irvine

Dirty Ecology. Christina Agapakis, UCLA

Beyond Blood and Soil: Dirt Ontology and Germany’s Clean Energy Revolution. Jenny Carlson, University of Texas, Austin

Discussant: Valerie Olson, Rice University

020. STS in Practice: Experimenting, Collaborating and Intervening
8:30 to 10:00 am
Floor 2 - Pacific Salon Six

Chair: Andrey Kozhanov, Higher School of Economics, Moscow

Participants:

Varieties of Collaboration. Elihu M Gerson, Tremont Research Institute

Instability and Reconfiguration on the Tech Transfer Landscape: A View from a Major US Research University. Daniel Kleinman, University of Wisconsin; Greg Downey, University of Wisconsin Madison; Noah Feinstein, University of Wisconsin--Madison; Sigrid Peterson, University of Wisconsin; Chisato Fukuda, University of Wisconsin

International Scientific Collaborations in the End of the World: Local Resources and Global Research in Tierra del Fuego (Land of Fire). Pablo Kreimer, Universidad Maimonides; Dalma Albarracin, Universidad Nacional de Tierra del Fuego

Making a Method: Mess, Mutualism, Performance, Feminism. Margaret Jean Westby, Concordia University; Ardath Whynacht, Concordia University

On the Nature of Endless Competition within the Classic Period of STS Movement. Andrey Kozhanov, Higher School of Economics, Moscow

021. Expertise, Professionals, and the Environment: I

8:30 to 10:00 am

Pacific Salon Three

Chair: Vivian Anette Lagesen, Norwegian University of Science and Technology
Participants:

Countering Sustainability Politicization through Adult Education. *Carol J Haddad, Eastern Michigan University*

Energy Cultures: Sustainable Energy Transitions and the Knowledge Intensive Governance of Cultural Change. *Thomas Pfister, Zeppelin University*

Energy Regime Change and Mental Models of Institutions: Understanding Risk Governance in Carbon Capture and Storage. *Arho Toikka, University of Helsinki*

Environmental Expertise: The Role of Consulting Engineers in Making Environmental Knowledge Locally Relevant and Useful. *Vivian Anette Lagesen, Norwegian University of Science and Technology*

**022. Good Vibrations, Bad Vibrations**

*8:30 to 10:00 am*

*Pacific Salon Two*

Chair: *Jackie Orr, Syracuse University*

Participants:

Shakes, Shaking, Shook. *Joseph Masco, University of Chicago*

Reverberations: Mine Blowing Effects in Guatemala’s Maya Highlands. *Diane Nelson, Duke University*

Enchanting Catastrophe: Magical Sub-realism and BP’s Macondo. *Jackie Orr, Syracuse University*

Earth Possessed. *Joseph Dumit, UC Davis*

Discussant:

*S. Lochlann Jain*, Stanford University
023. East Japan Disaster Session I: Public Protest and Response Following a Nuclear Disaster
8:30 to 10:00 am
Sheffield

Chair: Hugh Gusterson, GMU

Participants:
- Music and the Social Amplification of Risk around Nuclear Power in Japan. David Novak, UC Santa Barbara
- Collective Nuclear Risk Knowledge Production Practices after the Fukushima Nuclear Accident. Yasuhito Abe, University of Southern California
- Safe and Trustworthy? Food Safety after Fukushima. Nicolas Sternsdorff-Cisterna, Harvard University

Discussant: Hugh Gusterson, GMU

024. Techno-Medicine: I
8:30 to 10:00 am
Terrace Salon Three

Chair: Henriette Langstrup, University of Copenhagen

Participants:
Computers and Clinical Professionals: A Comparative Study of Intensive Care Unit Teams Reconstituted by Electronic Work.  *Myles Leslie, Johns Hopkins Medicine; Elise Paradis, University of Toronto; Simon Kitto, University of Toronto; Scott Reeves, UCSF*

Global Diabetes Encounters.  *Annegrete Juul Nielsen, University of Copenhagen; Henriette Langstrup, University of Copenhagen*

Technological Identities in Transgender Care.  *Bahar Akyurtlu, Cornell University*

**025. Evaluating the Quality of Public Deliberation on Science & Technology: I**

*8:30 to 10:00 am
Windsor East*

Chairs:  
*Richard Watermeyer*, Cardiff University  
*Koen Dortmans*, Radboud University

Participants:

A Multi-Venue Study of Public Deliberation on Public Biobanking.  *Daniel Thiel, University of Michigan; Jodyn Platt, University of Michigan; Tevah Platt, University of Michigan; Sharon Kardia, University of Michigan*

A Deliberative Perspective on the Assessment of Public Participation.  *Koen Dortmans, Radboud University*

Citizens in the Wasteland: The Trouble with Radioactive Waste Management in Belgium.  *Céline Parotte, University of Liège. Research Center Spiral*
Evaluating Public Engagement for Policy Making.  
*Richard Watermeyer, Cardiff University*

Fatal Attraction: Science, State, Public and Industry Orientations to Magnetic Fields.  *Graham Lucas, University of Newcastle Australia*

**026. From Hobby to Science Work I: The Culture & Politics of Professionalized DIY Making**

*8:30 to 10:00 am*

*Windsor West*

**Chairs:**

*Silvia Lindtner,* University of California, Irvine  
*Carl DiSalvo,* Georgia Institute of Technology

**Participants:**

Shop Class for the 21st Century? Remaking an Old Debate.  *Evan Barba, Georgetown University*

Parasitic Alliances: DIY Making Meets Chinese Manufacturing.  *Silvia Lindtner, University of California, Irvine*

Experimenting on the Laboratory.  *Jonathan Cluck, Rensselaer Polytechnic Institute*

**Discussant:**

*Laura Forlano,* Illinois Institute of Technology

**027. Coffee Break**

*10:00 to 10:30 am*

*Golden Pacific Foyer*

**028. Animal Designs**

*10:30 to 12:00 pm*

*Ascot*
Chair: Todd E. Nicewonger, Parsons The New School for Design

Participants:
"We Have to Get Ourselves Educated": Amateur Biologists and the Production of Scientific Truth. 
*Michael Scroggins, Columbia University, Teachers College*

Blooming Ocean: An Ethnographic Exploration of the Strong Year-Class Formations. *Shingo Hamada, Indiana University*

Embracing Prosthetic Sensations and Intimate Bricoleurs. *Jennifer Van Tiem, Columbia University, Teachers College*

Painting Primates: A Multispecies Ethnography of Chimpanzee-Human Collaborative Art. *Joseph Klett, Yale University; Justin Goodman, People for the Ethical Treatment of Animals/Marymount University*

Discussant: 
*Lesley A. Sharp*, Barnard College, Columbia University

029. **Affect, Emotion, and Digital Media: II**

10:30 to 12:00 pm

*Brittany*


Participants:

Self-Presentation and Social Network Sites: A Socio-technical Perspective on the Imagined Audience. 
*Wayne Buente, University of Hawaii at Manoa*

The Prevalence of Specific Emotions in Social Media Posts. *Andrew Stephen, University of Pittsburgh;*
Nicole Coleman, University of Pittsburgh; Annie Pettit, Conversiton

The Frustration in Response to the Interaction between Game and Player. Daniela Camila de Araújo, State University of Campinas (Brazil); Marko Alves Monteiro, State University of Campinas

The II: Subjectivity and Self-Surveillance. Kristopher Fallon, University of California, Berkeley

Who Shapes Privacy in Facebook? Maria Belen Albornoz, Latin American Faculty of Social Sciences Ecuador

Discussant:

Melissa Gregg, Intel

030. Scientists in Action

10:30 to 12:00 pm

Clarendon

Chair: Han Zhang, Tsinghua University

Participants:

The Scientific Network of a Secondary Level Chemistry Laboratory at Latour`s Perspective. Cristiane Beatriz Dal Bosco Rezzadori, Universidade Tecnologica Federal Do Parana; Moisés Alves de Oliveira, Universidade Estadual de Londrina

Where is the Conflict? Delving in Walloon Science, Technology and Innovation Politics. Nathan Charlier, ULg

Dealing with Trolls: Evaluating Shadowing in Workplace Learning. Ingrid Christine Reite, MF Norwegian School of Theology
The Relationship Between University Intellectual Property and Their Practice of Technology Transfer: A Case Study Based on Tsinghua University. **Han Zhang**, Tsinghua University

**031. Companion Species: Domestic, Feral, Wild, Virtual & Robotic**

*10:30 to 12:00 pm*

*Crescent*

*Chair: Meredith Tromble*, San Francisco Art Institute

Participants:

- **Interspecies Body Torque: Baboons & Dogs in Embodied Coordination. Deborah Forster, University of California, San Diego**

- **Primate Cinema: Apes as Family. Rachel Mayeri, Harvey Mudd College**

- **A Longing in Our Hearts: Interspecies Communication in Contemporary Art”. Meredith Tromble, San Francisco Art Institute**

- **Sly as a Fox: Looking for Wits in a Hunted Species. Nicholas Stücklin, Université de Lausanne**

*Discussant: Morana Alac, University of California, San Diego*

**032. Governing Biomedicine and Health**

*10:30 to 12:00 pm*

*Eaton*

*Chair: Naoki Yamano*, University of Fukui
Participants:

Enacting Diversity in Health Promotion: Coproducing Collectives and Obesities. *Kay Felder, University of Vienna; Ulrike Felt, University of Vienna; Michael Penkler, University of Vienna*

Health Literacy, Medical Uncertainty, and Risk Communication. *Wei-Hsiang Liao, National Cheng Kung University*

Running Mania: Lay Expertise and Reflexivity in the Everyday Management of Health Uncertainty. *Patricia Campbell, University of Calgary/Red Deer College*

Difficulties of Risk Communication on Radiation Dose Effect after Fukushima Accident. *Naoki Yamano, University of Fukui*

Cultural Competence in Working with Japanese Disaster Survivors. *Saho Uemura, University of Hawaii at Manoa*

033. **Comedo Ergo Sum: The Role of Science and Technology in Food and Eating: II**

10:30 to 12:00 pm

*Garden Salon One*

Chair: *Xaq Frohlich*, Independent Researcher

Participants:

Fighting BAC! Bacteria, Food Safety and the Reconfiguring of the Domestic Kitchen. *Carlos Novas, Carleton University; Michael S Mopas, Carleton University*
Learning Risk: Health, Lifestyle and Biosociality in a Local Setting. Mikko Jauho, National Consumer Research Centre, Helsinki

Now Taste This!: Sensation and Subjectivity in Sensory Science. Jacob Lahne, University of Vermont

Sustenance, Sustainability and Dietary Scale: a Commensuration Problem. Susanne Freidberg, Dartmouth College

The Indigenization of the Water Meter in India: A Counterproductive Outcome in a Water Scarce Context. Akil Amiraly, Ecole polytechnique, CRG

034. Doing Multiplicity and Postcoloniality: II
10:30 to 12:00 pm
Garden Salon Two

Chair: Kara Granzow, University of Lethbridge

Participants:

Techniques of Postcolonial Independence: Activism, Sentiment, and Botanicals. EunJeong Ma, Pohang University of Science and Technology

The Origin and Development of Scientific Communities in Latin America: The Chilean Case. Jorge Gibert, Universidad de Valparaiso

The Development of ‘Conception’ Technology in the Era of ‘Contraception’. Jung-Ok Ha, Seoul National University

Racialization in Scientific Medicine: A Content Analysis. Kara Granzow, University of Lethbridge
035. **Algorithmic Living: II**
10:30 to 12:00 pm
*Golden Ballroom One*

Chairs:
- **Phoebe Sengers**, Cornell University
- **Malte Ziewitz**, New York University

Participants:
- Algorithmic Living as Deliberate Living: How Personal Fitness Tools Shape a Sense of Self. **Kaiton Williams**, *Cornell University*
- Personal Genetic Code: Algorithmic Living, Genomics, and the Quantified Self. **Matthew J. Bietz**, *University of California Irvine*; **Judith Gregory**, *University of California, Irvine*
- Anti-Social Analytics. **Solon Barocas**, *New York University*
- “You Are Your Data”: The Algorithmic Self. **Natasha Dow Schull**, *MIT*
- Algorithmic Thinking or ABCEDmindedness? Making a New Literacy for the "Information Age." **Margarita Boenig-Liptsin**, *Harvard University*

036. **Feminist Postcolonial Science Studies: What Are the Issues?**
10:30 to 12:00 pm
*Hampton*

Chairs:
- **Sandra Harding**, University of California, Los Angeles
- **Banu Subramaniam**, U. of Massachusetts
Participants:

Detective Work: Philosophies of Science from Standpoints of Non-Western Women. *Sandra Harding, University of California, Los Angeles*

(Re)Turning to Materiality: Moments of Shared Perplexity for Feminist and Postcolonial STS. *Deboleena Roy, Emory University*

Intersections of Feminist and Indigenous Science Studies. *Kim TallBear, University of Texas at Austin*

What Makes Asian Women a Unique Group?: Race, Gender, and Asian Genomics. *Sungwoo Ahn, Virginia Tech*

**037. Interdisciplinary**

10:30 to 12:00 pm

*Floor 2 - Pacific Salon Five*

Chair: *Aaro Tupasela, University of Helsinki*

Participants:

What Disaster Studies Can Learn from Network Analysis and Visual Methods. *Kathryn Henderson, Texas A&M University*

“Stemness”, Futures Enfolded: Mattering and Valuing the Potential. *Jieun Lee, University of California, Davis*

Authentic, Original and Valuable - Stabilizing the Genetic Identity in Non-Human and Human Populations in Finland. *Aaro Tupasela, University of Helsinki; Sakari Tamminen, University of Helsinki*

Institutional Idea as a Boundary Object: On Normalization of University Incubator in the Context
of Entrepreneurial University.  
Lu Hao Wang, Tsinghua University; Chadwick Wang, Tsinghua University

Survey Design and Methodologies for Mapping the Humanities.  
Cecilie Juul Jørgensen, Aarhus University, Denmark

10:30 to 12:00 pm  
Floor 2 - Pacific Salon Four

Chair: Matthew Ratto, University of Toronto

Participants:

Designers or Users? Developing a New Device as a Cooperative Practice.  
Alessandro Mongili, University of Padova

Copyright and the New Materialism.  
Dan Burk, University of California, Irvine

The Maker’s Mark: Tales of Student Agency, Engagement, and the Teaching of Technology.  
Sarah Kuhn, University of Massachusetts Lowell

Data Visualization as a Research Method.  
Laura Noren, New York University

Ron Eglash, Rensselaer Polytechnic Institute

039. Disaster STS II: Horizons and Temporalities  
10:30 to 12:00 pm  
Pacific Salon One
THURSDAY

Chair: **Vivian Y. Choi**, Cornell University

Participants:

Aid as Analogy: Imaginaries and Temporalities of Post-Disaster Recovery. **Chika Watanabe**, Yale University

Disaster or Non-Event?: Memory, History, and Environmental Knowledge Production. **Susie Hatmaker**, University of Minnesota

For the Sociology of Disaster beyond Fukushima. **Miwao Matsumoto**, The University of Tokyo

Studying Boundary-Making around Environmental Risk: Geographic & Temporal. **Britt Dahlberg**, University of Pennsylvania

What Do You Mean by Disaster? **Katrina Petersen**, University of California, San Diego

Discussant:

**Kim Fortun**, RPI

040. **How Might the Scientific Act of Establishing Biological Causation Solidify the Construction of “Race”?**

10:30 to 12:00 pm

Floor 2 - Pacific Salon Seven

Chair: **Duana Fullwiley**, Stanford University

Participants:

Law, Commerce and Race in the Circle of Pharmaceutical Life. **Jonathan Kahn**, Hamline University

“So, My Cancer Came From Africa?”: How Ancestry Genetics in Medical Research Shapes Ideas about
Causality and Disease Risk. Duana Fullwiley, Stanford University

The Uses of Negative Controls in the Genetic Epidemiology of Racial Disparities. Jay S Kaufman, McGill University

Taking up the Cry: When Genetics, Race, and News Print Meet. Sally Lehrman, Santa Clara University

Discussant: Jenny Reardon, University of California, Santa Cruz

041. Competition and Collaboration in Scientific Research - Revisited: I
10:30 to 12:00 pm
Floor 2 - Pacific Salon Six

Chairs: Diana Schmidt-Pfister, University of Konstanz
Nora Hangel, University of Konstanz

Participants:

Academic Capitalism in Dutch Universities. Liudvika Leisyte, University of Twente

Becoming “Hyperdisciplinary”: Implications of Increasingly Hybrid Collaborations. Peter Darch, University of California, Los Angeles

Cognitive Capitalism and Biotechnology: The Case of the Arabidopsis Network. Mithun Bantwal Rao, Wageningen University

Engendering Biomedical Science: Interdisciplinary Conflict and Collaboration. Xan Sarah Chacko, Chao-Yin Chen, Colleen Clancy, Elizabeth Constable, Laura Grindstaff, Robert Irwin, Crystal Ripplinger, University of California, Davis

042. Expertise, Professionals, and the Environment: II
10:30 to 12:00 pm
Pacific Salon Three

Chair: Robert Lorenzo Jomisko, Norwegian University of Science and Technology

Participants:
Politics of Nuclear Waste Management and Expertise in South Korea. Young Hee Lee, The Catholic University of Korea

Science, Courts, and Climate Change. Marilyn Averill, University of Colorado at Boulder

Framing Nature’s Value: Defining Evidence in the UK National Ecosystem Assessment. Brendan Moore, University of Oxford

It Was a Good Day? Robert Lorenzo Jomisko, Norwegian University of Science and Technology

043. Futurescape City Tours: Incorporating the Temporal, Sensual and Material in Public Engagement with Nanotechnology
10:30 to 12:00 pm
Pacific Salon Two

Chair: Cynthia Selin, Arizona State University
Participants:

Mediating Urban Imaginaries: Designing and Doing the Futurescape City Tours. *Cynthia Selin, Arizona State University; Kathryn D de Ridder-Vignone, Cornell University; Kelly Campbell Rawlings, Arizona State University; Jathan Sadowski, Consortium for Science, Policy & Outcomes; Carlo Andres Altamirano, Consortium for Science, Policy & Outcomes*

Obduracy and Malleability in the City: Public Engagement with Nanotechnology. *Jathan Sadowski, Consortium for Science, Policy & Outcomes; Cynthia Selin, Arizona State University*

Material Deliberation in Public Engagement. *Kathryn D de Ridder-Vignone, Cornell University; Carlo Andres Altamirano, Consortium for Science, Policy & Outcomes; Cynthia Selin, Arizona State University*

Seeing the City: Photography as a Place of Work. *Carlo Andres Altamirano, Consortium for Science, Policy & Outcomes*

Public Engagement as Capacity Building. *Kelly Campbell Rawlings, Arizona State University*

044. **East Japan Disaster Session II: Media and the Transnational Circulation of Nuclear Politics and Fear**

10:30 to 12:00 pm

*Sheffield*

Chair: *Kohta Juraku*, Tokyo Denki University
Participants:

Reactions to Fukushima in Finland, France and the UK – Rupture or Continuity in the Nuclear Technopolitics? Markku Lehtonen, University of Sussex

Information Vulnerability: The Gap in Topics between National and Local Newspapers. Ryuma Shineha, Graduate University for Advanced Studies; Mikihito Tanaka, Waseda University

A Transnational Study of the Role Played by the Japanese Newspapers in the Advocacy of Civilian Nuclear Power. Tino Bruno, University Jean Moulin Lyon

Anxiety and Information Seeking, and Understanding of Radioactivity. Midori Aoyagi, National Institute for Environmental Studies

Discussant:

David Novak, UC Santa Barbara

045. Techno-Medicine: II
10:30 to 12:00 pm
Terrace Salon Three

Chair: Marc Banik, CIRST, Université du Québec à Montréal

Participants:

Enacting Pregnant Women, Enacting the Foetus: Prenatal Ultrasound Scans in Taiwan. Li-Wen Shih, National Chiao Tung University

From Risk to “Actionable”: Clinical Sequencing and the Emerging Contours of Genomic Medicine in Oncology. Nicole Nelson, McGill University; Peter
Keating, University of Quebec, Montreal; Alberto Cambrosio, McGill University

Innovation within Experimental Clinic: Making Sense of User and Technology. Olivier Demers-Payette, École de Santé Publique, Université de Montréal

Institutional Innovation at the Fringe: The Contestability of Institutional Logics in the Regulation of Natural Health Products. Marc Banik, CIRST, Université du Québec à Montréal

046. Evaluating the Quality of Public Deliberation on Science & Technology: II

10:30 to 12:00 pm
Windsor East

Chairs:
Richard Watermeyer, Cardiff University
Koen Dortmans, Radboud University

Participants:
The Role of End-Users in Research Evaluation and Policy. Rebecca Abma-Schouten, Dutch Heart Foundation; Ingeborg Meijer, Leiden University

The Politics of Knowledge in Public Engagement in Controversies. Marijke Hermans, Maastricht University

Transnational Deliberations: Evaluation and Design. Mikko Rask, Finnish National Consumer Research Centre; Rick Worthington, Pomona College

Issues of Authority in Climate Change Congressional Testimony. Emma Frances Bloomfield, University of Southern California

047. From Hobby to Science Work II: The Culture & Politics of Professionalized DIY Making
10:30 to 12:00 pm
Windsor West

Chairs:
Laura Forlano, Illinois Institute of Technology
Silvia Lindtner, University of California, Irvine

Participants:
Globally Local, Digitally Material and the Amateur Professional: Hacking Hybrid Socio-Technical Cultures. Laura Forlano, Illinois Institute of Technology
“The Pleasure of the Hack”. Kevin Gotkin, University of Pennsylvania
Are Hackerspaces Professionalizing Globally?: The Interactions Between Global Communications and Professional Norms in Maker Culture. Jeremy Hunsinger, Wilfrid Laurier University.
Toy Hackers: The Politics of Including Youth in Maker Culture. Karen Louise Smith, University of Toronto

Discussant:
Carl DiSalvo, Georgia Institute of Technology
048. East Asian Science, Technology and Society (EASTS) International Editorial Board Meeting
12:00 to 2:00 pm
Galleria One
Chair: Chia-Ling Wu, National Taiwan University

12:00 to 2:00 pm
Golden Ballroom One
Chairs:
Clark Miller, Arizona State University
Laurel Smith-Doerr, Boston University
Ulrike Felt, University of Vienna
Rayvon Fouche, University of Illinois

050. Roundtable: Popularity Contests: STS Beyond the Academy
12:00 to 2:00 pm
Golden Ballroom Two
Chair: Sarah R Davies, University of Copenhagen
Discussants:
Maja Horst, University of Copenhagen
Gretchen L Gano, Arizona State University
Janet Vertesi, Princeton University
Trevor Pinch, Cornell University
051. Editorial Board Meeting, Engineering Studies Journal (all editors, board members, authors, and prospective authors invited to discuss new publication categories and other policies)
12:00 to 2:00 pm
Fairfield
Chair: Gary Downey, Virginia Tech

2:00 to 3:30 pm
Ascot
Chairs:

Tomiko Yamaguchi, International Christian University
Elizabeth Ransom, University of Richmond

Participants:

Nathalie Jas, INRA - RiTME Research Unit

Diverse Actors and Heterogeneous Spaces: Controlling Agricultural Animal Disease in Global Trade.
Elizabeth Ransom, University of Richmond

Unmaking the Bomb: Eternal Waste and the Politics of Impossibility at the Hanford Nuclear Reservation.
Shannon Cram, University of California, Berkeley

Obesities, Subjectivities, and Textual Rhetoric. Patricia Thille, University of Calgary

National Politics of Definitions of Trans Fats Reduction Regulation: Denmark, Canada, United States, and
053. Ecologies of Evidence, Life and Politics
2:00 to 3:30 pm
Brittany
Chair: Fernando Dominguez, University of California, San Diego
Participants:
Aerial Inscription Devices. Nerea Calvillo, Goldsmiths
Sensing the Air and Experimenting with Environmental Citizenship. Jennifer Gabrys, Goldsmiths, University of London
Why the Mona Lisa Is Not in the North Pole? Exploring the Ecologies of Evidence and Subjectivity. Fernando Dominguez, University of California, San Diego

054. Addressing Diseases
2:00 to 3:30 pm
Clarendon
Chair: François Dedieu, National Institute for Agricultural research (INRA)
Participants:
The Battle Against Medical Gaze?: Attempts to Make Rare Diseases Visible. Koichi Mikami, Graduate University for Advanced Studies
The Specular, the Biocultural, the Jewish Immigrant: Imag(in)ing Tay-Sachs Disease, 1881-1955 and 2013. Shelley Zipora Reuter, Concordia University
The Medicalization of Deviance: Reviewing the Argument, Thirty Years On. *Joseph William Schneider, Drake University*

Finding Out the Highrisk Persons: Some Social Aspects of the Japanese National Chronic Disease Prevention Program. *Hiroshi Yamanaka, Osaka University*

Governing by ignoring: The Case of Pesticides Related Occupational Illnesses in France and California. *François Dedieu, National Institute for Agricultural research (INRA); Jean-Noël Jouzel, Sciences-Po, Paris; Giovanni Prete, Université Paris 13*

**055. Contextual Perspectives on STS as Intervention and Critical Participations: I**

*2:00 to 3:30 pm*

*Crescent*

Chair: *Jessica Mesman, Maastricht University*

Participants:

Acting with Frictions for Increased Urban Mining. *Björn Wallsten, Linköping University*

Rethinking 'Intervention'. *Aalok Khandekar, Maastricht University*

The Productive Paradox of Tracking Translation Processes in Health Services Research. *Abigail Baim-Lance, Amsterdam Medical Center*

Video Reflexive Ethnography and Its Styles of Agency and Modes of STS. *Jessica Mesman, Maastricht University*
056. Creating Knowledge and Technologies at the Fringe: I
2:00 to 3:30 pm
Eaton

Chairs:

Jøran Solli, Norwegian University of Science and Technology
Gard Hopsdal Hansen, Norwegian University of Science and Technology

Participants:

A Technology Assessment of the Perceived Future of Robotics. John M Wilkes, Worcester Polytechnic Institute


Boundary Work and Professional Participation in Digital Curation. Inna Kouper, Indiana University; Katherine Akers, Emory University; Matthew Lavin, University of Nebraska-Lincoln; Brock Dubbels, McMaster University


Sustainable Energy Innovations and the Battle of ‘The Happy Warrior’. Marianne Ryghaug, Norwegian University of Science and Technology; Gard Hopsdal Hansen, Norwegian University of Science and Technology
057. Comedo Ergo Sum: The Role of Science and Technology in Food and Eating: III
2:00 to 3:30 pm
Garden Salon One
Chair: Xaq Frohlich, Independent Researcher
Participants:
Teaching Embodied Calculation: Entrepreneurs of Neoliberalism. Kelly Moore, Loyola University Chicago
Whistleblowers on the Farm: Animal Production, Ag Gag Laws and the Social Production of Ignorance. Garrett Manuel Broad, University of Southern California
“Deadly Cucumbers” or How to Deal with Food Safety in a Transnational Unified Market. Didier Torny, INRA - RiTME
Tasting Sustainability? Mattering of Certification in “Colombian Sustainable Coffees” Production. Derly Yohanna Sánchez Vargas, Lancaster University
Discussant: Xaq Frohlich, Independent Researcher

058. Evidence-Based Polity: Objectivity Computed, Judgment Evaluated, Causation Quantified, and Life Economized
2:00 to 3:30 pm
Garden Salon Two
Chair: Tal Golan, UCSD
Participants:

Quantifying Disease, Economizing Life, Governing Health. Katherine E. Kenny, University of California, San Diego

Police Media Expertise: Video Evidence and the Forensic Sensibility. Kelly Gates, University of California San Diego

Statistics, Causation, and the Relations between Science and Law in the Twentieth-Century American Courtroom. Tal Golan, UCSD

Putting “Culture” in its Place: The Cultural Formulation Interview in the DSM-5. Lauren Dana Olsen, University of California, San Diego

The Role of Values/Interests, Expertise, and Evidence in Medical Treatment Decision Making. Jerry Doppelt, UCSD

059. Film I

2:00 to 3:30 pm
Golden Ballroom One

Chairs:

**Merete Lie**, NTNU

**Ben Mendelsohn**, New York University

Participants:

The Good, the True and the Beautiful – A Film about Scientific Imaging. Merete Lie, NTNU

Sediment in the Anthropocene. Ben Mendelsohn, New York University; Alex Chohlas-Wood, Independent Filmmaker and Designer
060. Making Sense of Sound: Listening in Work and Everyday Life Practice: I
2:00 to 3:30 pm
Hampton
Chairs:
  Joseph Klett, Yale University
  Joeri Bruyninckx, Maastricht University
Participants:
  Archiving and Analyzing Voices: Speaker Identification at the Stasi Headquarters. Karin Bijsterveld, Maastricht University
  Scientific Scores or Musical Ears: Sonic Skills, Diagrams and Field Work. Joeri Bruyninckx, Maastricht University
  Voices in the Courtroom: Sound, Technology, and Expert Hearing in the Legal Arena. Michael S Mopas, Carleton University; Phillip Primeau, Carlton University
  Standardization of Dutch Sign Language: A Technology of Control for the Hearing World. Anja Hiddinga, University of Amsterdam; Onno Crasborn, Radboud University Nijmegen
  Attention to Invention: The Genesis of Acoustical Beam-Forming Technologies. Mark Edward Walters, UC San Diego

061. Communicating Scientific Knowledge: Media and Dissemination
2:00 to 3:30 pm
Floor 2 - Pacific Salon Five
Chair: **Stephen Turner**, University of South Florida

Participants:

Online Advertising, Corporate Snooping and the Need for a Non-Individualistic Conception of Privacy.  
*Rafael de Almeida Evangelista, Universidade Estadual de Campinas; Miguel Said Vieira, Universidade de São Paulo (USP)*

*Thomas Beauvisage, Orange-Labs Sense; Jean-Samuel Beuscart, Orange Labs - Sense; Kevin Mellet, Orange Labs - Sense & CSI (Ecole des Mines); Marie Trespeuch, Orange Labs - Sense*

Scholarly Blogs as Infrastructure for Scholarly Communications.  
*Matt Burton, University of Michigan*

The Blogosphere and its Enemies: the Case of Oophorectomy.  
*Stephen Turner, University of South Florida*

*Martin Hand, Queen’s University*

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**062. Deep Context, Persistent Colonialism, and Environmental Regimes**

2:00 to 3:30 pm

*Floor 2 - Pacific Salon Four*

Chairs:

*Candis Callison*, University of British Columbia

*Sarah E. Blacker*, University of Alberta
Participants:

Techniques of Representation and Measurement in Canadian Biomonitoring Projects. Sarah E. Blacker, University of Alberta

Consume at Your Own Risk: Fetal Alcohol Spectrum Disorder, Modified Environments, and Colonial Legacies. Michelle Stewart, University of Regina

Articulating Deep Context: Environmental Regimes and Canada’s #IdleNoMore Movement. Candis Callison, University of British Columbia

Re-territorializing Galápagos: Transnational Policy Networks and the Production of an Evolutionary Eden. Elizabeth Hennessy, University of North Carolina at Chapel Hill

How Does the State See Itself? Mapping Gobernabilidad in the Maya Biosphere Reserve. Micha Rahder, University of California, Santa Cruz

063. Disaster STS III: Management and Interventions
2:00 to 3:30 pm
Pacific Salon One
Chair: Vivian Y. Choi, Cornell University

Participants:

In the Shadow of Vulcan's Forge: Policy Challenges for Volcanic Hazards. Denis Fischbacher-Smith, University of Glasgow

Infrastructure Inversion: Disasters, Politics, and Standards. Ryan Ellis, Harvard Kennedy School

Waiting for the Big One: Establishing the Earthquake Risk. Charlotte Julie Cabasse, ENPC
Post-Fukushima: Signaled and Silenced Aspects of Nuclear Safety Regulation. *Marja Ylönen, University of Jyväskylä; Luigi Pellizzoni, University of Trieste, Italy*

Discussant:

*Scott Frickel*, Washington State University

064. Imagining Public Issues in the Technosciences
2:00 to 3:30 pm
Floor 2 - Pacific Salon Seven

Chairs:

*Kjetil Rommetveit*, University of Bergen

*Kate O'Riordan*, University of Sussex, and Cesagen

Participants:

Imaginaries of Smart Grids: Public Issues, Contradiction and Controversy. *Aristea Fotopoulou, University of Sussex*

The First Bite: Imaginaries of Food, Publics and the Laboratory Grown Burger. *Kate O'Riordan, University of Sussex, and Cesagen*

The Making of Obsolescence: How Things Become Public in the Age of Precariousness. *Ana Maria Delgado, University of Bergen; Blanca Callén, Lancaster University*


Discussant:

*Brian Wynne*, University of Lancaster
065. Competition and Collaboration in Scientific Research - Revisited: II
2:00 to 3:30 pm
Floor 2 - Pacific Salon Six
Chairs:

**Diana Schmidt-Pfister**, University of Konstanz

**Nora Hangel**, University of Konstanz

Participants:

Power Relationships in Medical Research as a Field: An Institutional Perspective. *Elise Paradis, University of Toronto; Mathieu Albert, University of Toronto*

The Future of Scientific Discourse: Accessibility, Transparency, Incentives for Feedback, and Criticisms. *Kristina Austin Kangas, UC Berkeley; Chris Shaver, University of California, Berkeley*

The Ideal Type: Constructing Accounts of Good Interdisciplinary Collaborators. *Carlos Adrian Cuevas Garcia, University of Nottingham*


066. Experimental STS: The Imitation Game and Its Applications
2:00 to 3:30 pm
Pacific Salon Three
Chair: **Robert Evans**, Cardiff University
Participants:

The Imitation Game: Measuring Interactional Expertise and Social Integration. Robert Evans, Cardiff University; Harry Collins, Cardiff University; Martin Weinel, Cardiff University

Imitation Games and Comparative Research. Martin Weinel, Cardiff University; Harry Collins, Cardiff University; Robert Evans, Cardiff University

TURINEX: Test for Ubiquitous through Real or Interactional Expertise. Andrew Berardy, Arizona State University; Thomas Seager, Arizona State University; Evan Selinger, Rochester Institute of Technology; Russell Uhl, Arizona State University

Understanding the Lived Experiences of Chronically Ill Patients through the Imitation Game. Rik Wehrens, Erasmus University


2:00 to 3:30 pm

Pacific Salon Two

Chairs:

Alexandra Vinson, University of California, San Diego
Emily York, University of California, San Diego
Participants:

Co-Producing Knowledge: Basic Research Data Practices and Workforce. *Ashley Sands, University of California, Los Angeles; Sharon Traweek, UCLA; Christine L Borgman, University of California, Los Angeles*

Doing the Robot: Embodied Work, Body Talk, and Boundary Work in Robotics Engineering. *Matt Cousineau, University of Missouri*

The University Gatekeepers: STEM Faculty's Role in the Production of Young Scientists. *Emily Gwen Blosser, Louisiana State University; Wesley Shrum, Louisiana State University*

‘Holistic Engineers’ Observed through the Practice Looking-Glass. *Anders Buch, Aalborg University*

068. East Japan Disaster Session III: Institutional Responses to Nuclear Disaster

2:00 to 3:30 pm

*Sheffield*

Chair: *Lisa Onaga*, Nanyang Technological University

Participants:

“Made in Japan” Fukushima Nuclear Accident: A Critical Review for Accident Investigation Activities in Japan. *Kohta Juraku, Tokyo Denki University*

Fukushima as Opportunity: Becoming a Nuclear Engineer in Post-Fukushima Korea. *Chihyung Jeon, KAIST*

Toward Community-based Participatory Risk Communication: A Proposal for a Double Interpreter
System. Osamu Sakura, University of Tokyo; Nobuhiko Ban, Tokyo Healthcare University; Yoshitaka Kohayagawa, National Hospital Organization Disaster Medical Center; Makoto Miyazaki, Fukushima Medical University; Keiichi Nakagawa, The University of Tokyo

Discussant: Ryuma Shineha, Graduate University for Advanced Studies

069. Engagement in Health Care
2:00 to 3:30 pm
Terrace Salon Three
Chair: Guy Minguet, Ecole des Mines de Nantes

Participants:

Interior Point Method for Optimization Large Dimensions Problems: Application to a Problem of Radiotherapy Treatment Planning. Yanet Silvana Chirinos Avilés, University Catholic San Pablo, Arequipa - PERU

No Space for Old Women: Transformations in Healthcare Work. Ann Therese Lotherington, University of Nordland, Norway; Aud Obstfelder, University of Tromsø; Susan Halford, University of Southampton

Occupational Biopolitics: Labor Unions and State Recognition of Work-Related Disease. Mark Fleming, UC Berkeley

When Hospital Hygiene Practices Cause Illness: Controversies and Historical Evolutions in the
Prevention of Infection. *Guy Minguet, Ecole des Mines de Nantes*

**070. Science, Technology and Public Policy in Latin America**

2:00 to 3:30 pm  
Windsor East

Chair: **Milagros Varguez**, Tecnológico de Monterrey

Participants:

Animal use in Brazil: Legislation Redefining Biomedical Research Practices? *Ana Tereza Pinto Filipecki, Fiocruz; Márcia de Oliveira Teixeira, Fiocruz; Silvio Valle, Fiocruz; Norma Labarthe, Fiocruz*

Where the Air is Clear? Air and Microbiology in Mexico. *Emily Mannix Wanderer, Massachusetts Institute of Technology*


Popularization of Science Using Aquatic Insects of Inselbergs in Brazil. *Mateus Pepinelli, Universidade Federal de São Carlos; Susana Trivinho Strixino, UFSCar*

Brazil and Mexico: The Public Understanding of Science and the Impact of S&T Policies. *Milagros Varguez, Tecnológico de Monterrey; Carlos Vogt, The State University of Campinas (Unicamp); Simone Pallone de Figueiredo, The State University of Campinas (Unicamp)*
071. From Hobby to Science Work III: The Culture & Politics of Professionalized DIY Making
2:00 to 3:30 pm
Windsor West

Chairs:

Carl DiSalvo, Georgia Institute of Technology
Laura Forlano, Illinois Institute of Technology

Participants:


From Hackers to Innovators: Exploring Innovation Practices in Maker Culture. Ellen Foster, Rensselaer Polytechnic Institute

Negotiating Openness in Open Source Hardware Development. Luis Felipe Rosado Murillo, UCLA

Discussant:

Silvia Lindtner, University of California, Irvine

072. Coffee Break
3:30 to 4:00 pm
Golden Pacific Foyer

4:00 to 5:30 pm
Ascot

Chairs:

Tomiko Yamaguchi, International Christian University
Elizabeth Ransom, University of Richmond
Participants:

Sustaining the Bee Gees in Lithuania: Exploring the Framing of Public Discourse on Organic Foods and GMOs. Leonardas Rinkevicius, Lithuanian University of Health Sciences

Technoscience and Societal Tensions within the Food Risk Arena: Public Policy Discourse in Japan. Tomiko Yamaguchi, International Christian University

Managing the Biopolitics of Farmworker Health through Fumigant Application Protocols. Sandra Brown, UC Santa Cruz; Julie Guthman, UC Santa Cruz


Filtering out the Social: Nanotechnology and Water Treatment in Mexico. Casey Walsh, University of California, Santa Barbara; Laura Saldivar, Independent

074. Economical Medicalization
4:00 to 5:30 pm
Brittany
Chair: Jason L Schwartz, Princeton University

Participants:

Assessing Bioidentical Hormone Replacement Therapy: Consumers as Producers of Biomedical Knowledge. Alina Geampana, McGill University

Anticipating the Reproduction of Obesity: An Examination of Standardization, Speculation, and
Temporality. *Natali Valdez, University of California Irvine*

Embodying and Producing Medical Paradox: The Personal Encounter of Lu Gwei-djen. *Lan Angela Li, MIT*

The Cost of Preventing. Pricing, Cost-Effectiveness and Calculation Devices in the Case of HPV Vaccines in Colombia. *Oscar Javier Maldonado Castañeda, Lancaster University*


**075. Geoengineering Governance: What Role for the Social Sciences?**

4:00 to 5:30 pm  
Clarendon

Chairs:  
*Phil Macnaghten*, Durham University and University of Campinas - UNICAMP  
*David H. Guston*, Arizona State University

Participants:  
Living the Global Social Experiment: An Analysis of Public Discourse on Solar Radiation Management and Its Implications for Governance. *Phil Macnaghten, Durham University and University of Campinas - UNICAMP*; *Bron Szerszynski, Lancaster University*
THURSDAY

Governing Climate Futures: The Social and Political Constitution of Geoengineering. Matthew Kearnes, University of New South Wales

Examining Framings of Geoengineering Using Q Methodology. Rose Cairns, University of Sussex

Tensions in Framings of Geoengineering: Constitutive Diversity and Ambivalence. Nils Markusson, University of Oxford

Discussant: 
David Winickoff, University of California, Berkeley

076. Contextual Perspectives on STS as Intervention and Critical Participations: II
4:00 to 5:30 pm
Crescent

Chair: Jessica Mesman, Maastricht University

Participants:

Joint Perplexities, Shared Desires. Perspectives of Feminist Critique and Intervention in Science and Engineering. Hanna Meissner, Technische Universitaet Berlin

Deus per Machinam? Videogames and Imaginaries of Human Enhancement. Michael Foith, University of Vienna

Gendering Facebook: Dissecting Gendered Power Relations between Designers, Users and Social Media Technology. Rena Bivens, Carleton University

Underground Politics: Transport Networks, Urban Borders/Bodies and Assemblages of Resistance.
Networking and Gender in Science and Engineering Leading Positions. Felizitas Sagebiel, University of Wuppertal

077. Creating Knowledge and Technologies at the Fringe: II
4:00 to 5:30 pm
Eaton

Chairs:
Jøran Solli, Norwegian University of Science and Technology
Gard Hopsdal Hansen, Norwegian University of Science and Technology

Participants:
Intruders and Gatekeepers at the Fringe of the Innovation System. Gard Hopsdal Hansen, Norwegian University of Science and Technology
It’s Our Trash, Too!: Waste Management from the Fringe. Guy Schaffer, Rensselaer Polytechnic Institute
Shaping Policies Sideways? Climate Knowledge Practices Related to Judging, Communication and Acting on Avalanche Risks and Dangers. Jøran Solli, NTNU; Marianne Ryghaug, Norwegian University of Science and Technology
Social Construction of Knowledge in Wikipedia. Noriko Hara, Indiana University; Jylisa Doney, Indiana University
The Wicked Problem of Aquatic Invasive Species: Public and Stakeholder Engagement to Improve Science and Policy. *Jodi Lynn Cassell, University of California Cooperative Extension/UC Berkeley*

**078. Religion and Science at the Sidelines**

*4:00 to 5:30 pm*

*Fairfield*

Chair: **Rachel Schulder Abrams Pear**, Bar Ilan University

Participants:


Identity Evolutionism: Adding a New Category to the Study of Science and Religion from the Case of American Orthodox Jews. *Rachel Schulder Abrams Pear, Bar Ilan University*

Copernicus and the Jews: Spiritual Interpretations of Man's Changing Place in the Universe. *Aharon Ariel Lavi, Bar-Ilan University*

**079. Ecological Obligations beyond ‘Life’ Itself**

*4:00 to 5:30 pm*

*Garden Salon One*

Chairs:

**Kristina Marie Lyons**, University of California, Davis

**Jacob Hiram Culbertson**, University of California Davis

Participants:

“Geopower” and Colonization Ecologies in Amazonia. *David Manuel Rojas, Cornell University*
Cultivating “Eyes for Her”: Selva Apprenticeship in the Colombian Amazon. *Kristina Marie Lyons, University of California, Davis*

Emergent Life at the Limits of "Cultural Consultation". *Jacob Hiram Culbertson, University of California Davis*

Law of the Buffalo: Ontological Encounters in Heritage Management. *Claire Charlotte Poirier, Memorial University of Newfoundland*

Discussant: *Tim Choy*, University of California, Davis

080. Legitimacy, Negotiation, and Valuation: Disparate Epistemologies in the Academic Enterprise

*4:00 to 5:30 pm*

*Garden Salon Two*

Chairs: *Lisa P Nathan*, University of British Columbia

*Ingrid Erickson*, Rutgers University

*Nassim JafariNaimi*, Georgia Institute of Technology

Participants:

Brokers and Transducers: Naming Invisible Work in Academic Production Ecologies. *Cory Knobel, University of California, Irvine*

Critically Making the Academic Institution. *Matthew Ratto, University of Toronto*

Negotiating Reconciliation through the Academy. *Lisa P Nathan, University of British Columbia*
Legitimating New Knowledge Products in a Digital Scholarly Communications Ecosystem. *Marguerite Avery, MIT Press; Jeffrey Schnapp, metaLAB@Harvard*

Using the Framing of Learning and Knowledge-Building Communities as a Means to Understand Scholarly Contribution. *Christopher Hoadley, New York University*

Discussant:

*Bonnie Nardi*, University of California, Irvine

**081. Scotch Malt Whisky Tasting and Subjectivity**

*Science in the Making: A Participatory Experiment*  
*4:00 to 5:30 pm*  
*Golden Ballroom One*

Chairs:

*Matthew Harsh*, Concordia University  
*Sam Simmons*, William Grant and Sons Distillers Ltd.

Participants:

Tasting as Techne, Tasters as Technologies. *Jessica Mudry, Concordia University*

The Status Bargain and the Taste of Whiskey. *Wesley Shrum, Louisiana State University*

Sounding Out Whisky. *Trevor Pinch, Cornell University*

Discussant:

*Michael Lynch*, Cornell University

**082. Making Sense of Sound: Listening in Work and Everyday Life Practice: II**  
*4:00 to 5:30 pm*
**THURSDAY**

**Hampton**

Chairs:

*Joseph Klett*, Yale University

*Joeri Bruyninckx*, Maastricht University

Participants:

Music for Laboratories. *John Sidney Seberger, University of California, Irvine; Andy Echenique, University of California, Irvine; Caitie Lustig, University of California, Irvine*

Tacit Knowledge and Music Software Programming:

MaxMSP in China. *Basile Zimmermann, University of Geneva*

'Reflections' on Space: Techoustemological Subjectivity in Object-Based Audio. *Joseph Klett, Yale University*

Enjoying CD Without Guilt. Negotiating “Digital Sound” in High-End Audio Culture, 1982–1986. *Axel Volmar, University of Siegen, Germany; Jens Schroeter, University of Siegen*

Tuning and Attuning: On Modes of Listening at the Musical Workplace. *Andreas Georg Stascheit, Institute for Advanced Study in the Humanities, KWI, Essen, Germany*

**083. Creating Dialogues in Science Communication: Methodology and Practices**

*4:00 to 5:30 pm*

*Floor 2 - Pacific Salon Five*

Chairs:

*Yuko Murakami*, Tohoku University

*Miwa Kuri*, Tohoku University
Participants:

Active Involvement of Scientists in Policy Debates: A Theoretical Exploration. Zuzana van der Werf Kulichova, Delft University of Technology; Robin L. Pierce, Delft University of Technology; Patricia Osseweijer, Delft University of Technology

Models in Science Communication Policy: Formatting Public Engagement. Per Hetland, University of Oslo

Reassembling 'Multiple Chemical Sensitivity' from Objective Diagnosis to Treatment Practice. Shin Ichiro Irie, Kyoto Institute of Technology

Science Café for Information Gathering. Miwa Kuri, Tohoku University; Yuko Murakami, Tohoku University

Surveillance by Design: Rethinking Security Technologies through Public Engagement. Sara Degli Esposti, The Open University Business School; Elvira Santiago, Consejo Superior Investigaciones Científicas; Vincenzo Pavone, CSIC - Consejo Superior Investigaciones Científicas

084. Calculating City Life: A Socio-Material Perspective to Low-Budget Urbanity

4:00 to 5:30 pm

Floor 2 - Pacific Salon Four

Chair: Birke Dorothea Otto, HafenCity University Hamburg
Participants:
Money-Saving in Inter-City Transport. Ride-Sharing Practices, Materialities and Imaginaries.  *Alexa Färber, HafenCity University Hamburg*

Building Supply Store 2.0: Frugality, Urban Self Build Practices and Materialities.  *Bernd Kniess, HafenCity University Hamburg; Hans Vollmer, HafenCity University Hamburg*

Saving (on) Water: Recycling and Reuse in EcoSan Communities.  *Birke Dorothea Otto, HafenCity University Hamburg*

Imaginaries of Sustainability: The Technopolitics of Smart Cities and the Shaping of Our Urban Future.  *Thaddeus Miller, Portland State University*

**085. Arts, Sciences & STS – Cross-Epistemic Practices and Processes**

4:00 to 5:30 pm
*Pacific Salon One*

Chair:  *Matthias Wienroth*, Northumbria University

Participants:

Negotiating Cross-Disciplinary Work.  *Sandra P. Gonzalez-Santos, Universidad Nacional Autonoma de Mexico*

Remixing Documentary, Video Art, and STS: Models of Collaboration and Enquiry.  *Sam Smiley, AstroDime Transit Authority*

Studying Discipline Formation as an Enhancement to Professionalization Theory.  *Marcus Popkema,*
THURSDAY

Windersheim University of Applied Sciences/Elndhoven University of Technology

Half a Century of the Cybernetic Underground. Simon Penny, University of California, Irvine

Discussant:
Matthias Wienroth, Northumbria University

086. Ontology, Embodied Knowledge & Assemblages
4:00 to 5:30 pm
Floor 2 - Pacific Salon Seven

Chair: Ilana Gershon, Indiana University

Participants:

The Jamais Vu of Fake Facebook Profiles. Ilana Gershon, Indiana University

More than Ontologeeks: Making (rare) Diseases with Databases and Ontologies. Eric Dagiral, Paris Descartes University, CERLIS; Ashveen Peerbaye, Université Paris-Est Marne-la-Vallée

Leveling the Stage? Performance Curation and Embodied Knowledge as Knowledge Infrastructure. Nicole Miya Sylvester, University of California, Irvine; Steve Slota, University of California, Irvine; John Sidney Seberger, University of California, Irvine

Protest Assemblages: Technology and Territory. Matthew Greaves, Simon Fraser University

087. Big Picture, Small Things
4:00 to 5:30 pm
Floor 2 - Pacific Salon Six
Chairs:

**Janelle D Lamoreaux**, UC Berkeley

**Amber Benezra**, New School for Social Research

Participants:

“Smart” | Drugs for Opioid Addiction: Pharmaceutical Antidotes for Race and Class. **Helena Hansen**, New York University


Enacting Environments, Big and Small. **Janelle D Lamoreaux**, UC Berkeley

Grasps of History: From the Text to the Mold. **Christine Jungen**, CNRS

The Big Collider. How to Commensurate the Cosmos and Particles. **Sophie Houdart**, CNRS

**088. Feminism and Media Infrastructures**

4:00 to 5:30 pm

Pacific Salon Three

Chairs:

**Lisa Cartwright**, UCSD

**Merete Lie**, NTNU

Participants:

Counter-Networked: Digital Forensics, Biometric Technologies, and Child Pornography Detection. **Mitali Thakor**, MIT

Infrastructures for Interspecies Communication and Co-Habitation. **Anja Johansen**, NTNU

Producing Women: Intensive Etsy Stay-at-home Mothering, Ecommerce Selling, and Crafting. Michele White, Tulane University

4:00 to 5:30 pm
Pacific Salon Two

Chairs:
Emily York, University of California, San Diego
Alexandra Vinson, University of California, San Diego

Participants:
Empirically Separate but Nominally Equal: Is there a Political Economy of STEM Schools in Tennessee? Kimberly Douglass, University of Tennessee

Gender Boundary-Work in Laboratories: The Negotiation of Experimental Practice, Material Settings and Professional Identity. Tsai-Yen Han, The State University of New Jersey, Rutgers

Hot Vaginas and Homeopathy: Mexican Midwifery Students Navigate New Models of Expert Knowledge. Lydia Zacher, University of California, Irvine

Science Classes and Sweat Lodges: Epistemological Complementarity and Conflict among Native American College Students. Erin Cech, Rice University; Jessi L. Smith, Montana State University; Anneke Metz, Southern Illinois University
090. Environment & Postcolonial State
4:00 to 5:30 pm
Sheffield
Chair: Andreas Mitzschke, Maastricht University
Participants:

Breeds of Sustainability: Notions of Efficiency and Waste in Brazilian Sugarcane Cultivation. Nicole Labruto, Massachusetts Institute of Technology

Discussion of Interpretation Power of Scientific Discovery and Its Rent Seeking. Yiming Wang, Tsinghua University

A Green Revolutions for Upland Rice? New Research and Old Debates. Harro Maat, Wageningen University

Revisiting the History of Oppositional Politics on GM-policy in India. Andreas Mitzschke, Maastricht University

091. Techno-Medicine: III
4:00 to 5:30 pm
Terrace Salon Three
Chair: Ariel Ducey, University of Calgary
Participants:

Making Bodies and Society Comparable through Standard Making:East Asia and Its Regulatory Entanglements with the ICH. Wen-Hua Kuo, National Yang-Ming University

Matters of Confession: HIV Treatment and Prevention Measures. Ryan Whitacre, University of California, San Francisco and Berkeley
Time, Affect, and Suicidal Microbes. **Astrid Schrader**, York University

Medical Devices, Innovation and the Contingency of Evidence. **Ariel Ducey**, University of Calgary; **Sue Ross**, Alexandra Hospital, Edmonton AB; **Magali Robert**, Foothills Hospital, Calgary AB; **Shoghi Nikoo**, University of Calgary, Sociology

### 092. Evaluation and Performance Measurement in Research, Higher Education and Health Care

*4:00 to 5:30 pm*

*Windsor East*

*Chair: Sarah de Rijcke*, Leiden University

*Participants:*

*Comparing Comparisons: On Rankings and Accounting in Hospitals and Universities.* **Sarah de Rijcke**, Leiden University; **Iris Wallenburg**, Erasmus University Rotterdam; **Roland Bal**, Erasmus University Rotterdam

*Systems Biology and the Limits of Integration.* **Niki Vermeulen**, University of Manchester

*Star Effects in Science: Influence of Rankings and Bibliometrics on Universities.* **Thed van Leeuwen**, CWTS - Leiden University

*The Application of Bibliometric Measures and Its Influence on Scholarly Practices.* **Björn Hammarfelt**, Uppsala University

*Knowing Patients, doing Quality Improvement: A History of Patient Surveys.* **Dane Paul Pflueger**, London School of Economics
093. Data as a Craft
4:00 to 5:30 pm
Windsor West
Chair: Morgan Currie, UC Los Angeles
Participants:
Data and the City: Civic Use of Open Government Data. Morgan Currie, UC Los Angeles
DIY Data-Mining in the Archives of Hobbyist Computing. Kevin Driscoll, University of Southern California
Quantitative Self. Michael Wartenbe, UCLA
Localized Data of the Early Internet. Bradley Fidler, UCLA
Discussant: Geoffrey Bowker, University of California - Irvine

094. 4S Business Meeting
5:30 to 6:30 pm
Eaton
Chair: Trevor Pinch, Cornell University

Good Vibrations Beach Party and Bonfire
(Ticketed event)
6:30 to 10:00
Meet in Golden Pacific Foyer
095. Registration Friday
8:00 to 5:00 pm
Golden Pacific Foyer

096. Calculability and Performativity
8:30 to 10:00 am
Ascot
Chair: Kathrine Tveiterås, University of Tromsø

Participants:

Economizing Marine Ecosystems. The Making of Governmentality in Modern Fisheries Management. Kathrine Tveiterås, University of Tromsø; Petter Holm, University of Tromsø

What’s a Molecule Worth? Discounted Cash Flows and Drug Development. Liliana Doganova, MINES ParisTech

Insuring Catastrophic Risks under Solvability II. Laure Cabantous, The University of Warwick

How Calculative Agencies Shape Market Construction. Organizing Calculability for Responsible Investment in France. Jean-Pascal Gond, City University London

Discussant:
Peter Karnøe, Aalborg University
097. Religion/Secularism and Science
8:30 to 10:00 am
Brittany
Chairs:
  Sandra Harding, University of California, Los Angeles
  Amit Prasad, University of Missouri-Columbia
Participants:
  Feminism, Religion and Science. Banu Subramaniam, U. of Massachusetts
  The Ends of Science and Religious Values: The Case of Embryonic Stem Cell Research. Amit Prasad, University of Missouri-Columbia
  Religion, Secularism, and Reburial Technology. Rachel Ceasar, University of California at Berkeley
Discussant:
  Sandra Harding, University of California, Los Angeles

098. Social Studies of Social Science I: Epistemic Boundaries & Competitions
8:30 to 10:00 am
Clarendon
  Chair: Elizabeth Popp Berman, University at Albany, SUNY
Participants:
  Adaptations to Research Synthesis Methods: A Comparison of Social Work and Women’s Studies. Laura Sheble, University of North Carolina, Chapel Hill
Anthropology at War: Robert H. Lowie and the Transformation of the Culture Concept, 1914-1945. *Stefan Bargheer, University of California Los Angeles*


What's in a Method? A Comparison of the History, Institutionalization, and Operationalization of the Randomized Controlled Trial in Political Science and Economics. *Margarita Rayzberg, Northwestern*

**099. Is Resistance Futile? Adventures in Resisting the Big Data Bandwagon (or Assimilating, If You Must)**

*8:30 to 10:00 am*  
*Crescent*

Chair: *Kalpana Shankar*, University College Dublin

Participants:

An Ecology of Datasets? How the Big Help the Small in Digital Astronomy. *Goetz Hoepppe, University of Waterloo*

Big Data Needs Science Studies (more than Science Studies needs Big Data). *James Allen Evans, University of Chicago*

Technological Resistance, the Case of the Canadian National Sex-Offender Registry. *Patrick Savoie, University of Ottawa*

Hadoop as Grounded Theory: Is an STS Approach to Big Data Possible? *R. Stuart Geiger, UC-Berkeley*

The Control Societies: Access and Segregation. *Bruno de Mattos Almeida, University of Campinas*
FRIDAY

(Unicamp); Marta Mourão Kanashiro, University of Campinas (Unicamp)

Discussant:
Kalpana Shankar, University College Dublin

100. Revisiting Embodiment and Materiality in Ethnography of Sciences and Technologies: I
8:30 to 10:00 am
Eaton

Chairs:
Martina Erlemann, Freie Universität Berlin
Petra Lucht, Technical University of Berlin & RWTH Aachen

Participants:
Beautiful Brainwaves: Performing “Good Data” in the EEG Lab. Sarah Klein, University of California, San Diego

Classroom Explorations in the Material World: Dances among Bulbs, Wires, the Moon and Learners’ Bodies. Elizabeth Mary Cavicchi, Edgerton Center, MIT

Situated Knowledge in Physical Sciences and Engineering: The Significance of Mesh/Networks in Women’s Career Development. Diane Yu Gu, University of California, Los Angeles

Taking Seriously the Mutual Embodiment of Researcher and Informant in Intra-Active Processes of Investigation. Inka Greusing, Technische Universität Berlin
Envisioning and Materializing »Assemblages« in Nanotechnology. *Petra Lucht, Technical University of Berlin & RWTH Aachen*

101. Environment & Market

8:30 to 10:00 am
Fairfield
Chair: *Hilde Reinertsen*, University of Oslo

Participants:

Conservative Profits: The Rhetoric of Efficiency in Early Mass Mining. *Sarah Grossman, University of New Mexico*

Conservation Photography and the Transmission of Environmental Knowledge. *Elizabeth Schwarz, UC, Riverside*

Meeting Moving Targets: The Ambiguous Authority of Environmental Accounting in Development Aid. *Hilde Reinertsen, University of Oslo*

102. 'Big Data': Symbols, Practices, and Epistemic Uncertainties: I

8:30 to 10:00 am
Garden Salon One
Chair: *Dawn Nafus*, Intel Labs

Participants:

Diffracting Big Data Discourses and Practices through Design Interventions. *Lucian Leahu, Mobile Life@KTH Stockholm, Sweden*
From ‘Small Picture’ View, to ‘Big Picture’ View: Big Data’s Historical Roots and Personhood. *David S. Leitner, Cañada College*

Creative Approaches to the Wrangling of Big Financial Data. *Derek Curry, SUNY Buffalo*

Big Data in Action: Inclusion and Negotiation in Algorithmic Music Recommendation. *Nicholas Seaver, University of California, Irvine*

Discussant: *Chiara Garattini*, Intel Corporation

103. **E Pluribus Unum? The Problem of Epistemic Integration in Multi-level Political Communities: I**

*8:30 to 10:00 am*

*Garden Salon Two*

Chair: *Patrick Baur*, UC Berkeley

Participants:

The EU as Political-Epistemic Experiment: Political Necessity and Scientific Universalism in the Case of GM Crops-Foods (Inter-alia). *Brian Wynne, University of Lancaster*

Epistemic Subsidiarity – Coexistence, Cosmopolitanism, Constitutionalism. *Sheila Jasanoff, Harvard University*

Building a Common but Plural Techno-Scientific World–Questioning Epistemic Subsidiarity in Europe. *Henri Boullier, Université Paris-Est/LATTS and IFRIS; Pierre-Benoît Joly, INRA*
Epistemic Authority in Multi-Level Standard-Setting for Biofuel Sustainability. Abigail N. Martin, University of California at Berkeley

Discussant:
David Winickoff, University of California, Berkeley

104. Slippery Subjects: The Material Politics of Water
8:30 to 10:00 am
Golden Ballroom One

Chairs:
Matthew Kearnes, University of New South Wales
Brian Robert Cook, The University of Melbourne

Participants:
Evidence-based Water Management: Looking Past the Expert-lay Division to the Role of Framing. Brian Robert Cook, The University of Melbourne

What’s Wrong with Recycled Water Tours and Centres? The Politics of Education and Engagement. Judy Motion, University of New South Wales


Re-routing Everyday Water Practices through Tactical Institutions. Susanne Pratt, UNSW

The Cleaner Way – Enacting Corporate Sustainability. Maria Eidenskog, Linköpings University

105. The Cultural Construction of Curiosity in Science
8:30 to 10:00 am
Hampton
FRIDAY

Chairs:

Staffan Bergwik, Uppsala University
Helena Pettersson, Umeå University

Participants:

A Shared Yearning for Discoveries: Sven Hedin and the Circulation of Curiosity in the Early Twentieth Century. Staffan Bergwik, Uppsala University

Curiosity, Responsibility, and the Management of Research. Sarah R Davies, University of Copenhagen; Maja Horst, University of Copenhagen

Between Curiosity and Demand: Mobile Knowledge, Embodiment, and the Establishment of a Big Science Site. Helena Pettersson, Umeå University

Do We Have Time to Be Curious? The Permutations of Science Values in the 21st Century. Izabela Wagner, Warsaw University

106. Lessons Learned from the Natural Disasters
8:30 to 10:00 am
Floor 2 - Pacific Salon Five
Chair: Yuko Fujigaki, University of Tokyo

Participants:

Protecting Earth from Space: What’s the Risk, and Who’s Responsible? Linda Billings, National Institute of Aerospace

Disaster’s Conscience: Technologies, Professions and Elites in Post-Katrina New Orleans. Graham Owen, Tulane University

Learning after Catastrophe: Post-Apocalypse Science Fiction and the Question of Re-Building Technologies
and Capabilities. *Juan Mariano Fressoli, Universidad Nacional de Quilmes*

Social Responsibility of Scientists under “Uncertainty”: Comparative Study on Fukushima Disaster and Earthquake in L'Aquila. *Yuko Fujigaki, University of Tokyo*


8:30 to 10:00 am  
Floor 2 - Pacific Salon Four  
Chair: *Jessica Lyons*, Rensselaer Polytechnic Institute

Participants:  
Preservation through Consumption?: Animal Sanctuaries as Multispecies Hybrid Communities. *Elan Abrell, CUNY Graduate Center*

Preserving Unreality in a Natural Landscape: Mermaids and Park Ideals at Florida's Weeki Wachee Springs State Park. *Wairimu Njambi, Florida Atlantic University; William O'Brien, Florida Atlantic University*

The Master Plan: Enacting Marine Protected Areas in The Bahamas. *Amelia Moore, University of Miami*

Conservation in the Crosshairs: Texas Game Farms as a Conservation Tool for Endangered Species Native to Africa. *Jessica Lyons, Rensselaer Polytechnic Institute*

Reading the Flex-Foot Cheetah: Oscar Pistorius and the Sporting Body. *Emily Goldsher-Diamond, New York University*
108. Software, Materiality, Travel
8:30 to 10:00 am
Pacific Salon One

Chairs:

David Ribes, Georgetown University
Janet Vertesi, Princeton University

Participants:

The Melting Point of Hardware: Studies in Heterogeneous Computing. Jean-François Blanchette, UCLA
Surface Moves: Recoding Practices “On the fly”. Marisa Leavitt Cohn, University of California, Irvine
What Is Travel for Software? David Ribes, Georgetown University

109. Making Environmental Harm Manifest
8:30 to 10:00 am
Floor 2 - Pacific Salon Seven

Chair: Sara Wylie, Northeastern University

Participants:

Making Pollution Manifest: The Sigmoid Nature of Harm. Max Liboiron, New York University
Environmental Knowledge Kinds and the Complex Toxicities of the 21st Century. *Katelyn Parady, Arizona State University*

The Windsor Hum: Tracing the Multiple Ontologies of Toxic Sounds. *Kelly Ladd, York University*

“A Human Geiger Counter”: Somatic Science through the Embodiment of Domestic Toxins. *Nick Shapiro, University of Oxford*

Discussant: *Michelle Murphy*, University of Toronto

### 110. Combining Theater and STS: Scholarly and Pedagogical Practices and Implications

8:30 to 10:00 am  
Floor 2 - Pacific Salon Six

Chair: *Wyatt Galusky*, Morrisville State College

Participants:

Theoretical and Actual Stages: Expanding the Audiences for STS. *Wyatt Galusky, Morrisville State College*

Theater Workshop in Science and Technology Studies.  
*Jane L Lehr, California Polytechnic State University*

Science Documentary in the Making: A Participatory Observation into the EBS's *Light*. *Sungook Hong, Seoul National University; Jiho Moon, Seoul National University*

Stand-Up Comedy and the Construction of the Ideal Biological Citizen. *Beza Merid, NYU*

### 111. Surveillance and the Mediation of Big Data: I

8:30 to 10:00 am
Pacific Salon Three

Chairs:

Torin Monahan, UNC-Chapel Hill
Anders Albrechtslund, Aarhus University

Participants:

Dating the Database: The Political Economy of Surveillance and the Production of Mobile Affect. Harrison Smith, University of Toronto


Big Data or Dataveillance? The Rise of the Scientific Enterprise. Sara Degli Esposti, The Open University Business School

Constructing the Suspicious: Data Production, Circulation, and Interpretation by DHS Fusion Centers. Torin Monahan, UNC-Chapel Hill; Priscilla Regan, George Mason University

Information Privacy Discourse and the Construction of Predictive Rationality. Julie Cohen, Georgetown University Law Center

112. Interactions Across Bodies, Environments, Space, and Time: Epigenetics after the Human Genome
8:30 to 10:00 am
Pacific Salon Two

Chairs:

Ramya Rajagopalan, Life Sciences Foundation
Joan Fujimura, University of Wisconsin
Participants:
Inclusive Epistemologies: Lay Expertise, Epigenetic Sentinels, and Making (epi)Biosociocultural Markers. Michael Montoya, University of California-Irvine

Bodies and Environments: Institutional and Epistemic Practices in Epigenetics. Ramya Rajagopalan, Life Sciences Foundation; Joan Fujimura, University of Wisconsin

Scaffolded Development and Distributed Inheritance: An Eco-Devo-Evo Perspective on Epigenetics. James Griesemer, University of California, Davis

Developing the Genomic Gaze: Observational Approaches in Postwar Biomedicine. Andrew J Hogan, University of Virginia

Discussant:
Joan Fujimura, University of Wisconsin

113. Taste and the Everyday Governance of Food Consumption
8:30 to 10:00 am
Sheffield

Chairs:
Karin Eli, University of Oxford
Tanja Schneider, University of Oxford

Participants:
Tasting the Bread that Matters. Alexandra Littaye, Oxford University

Trances of Vadapav: Globalization, Ethnic Food, & Immigrant Culture. Renu Madhav Zunjarwad, doctoral student
Contesting Food Security: Expert Authority and Institutional Epistemologies. Saul Halfon, Virginia Tech

114. The Tangled Genetic Web: (Re)Defining Families, Kinship and Culture through Technologies
8:30 to 10:00 am
Terrace Salon Three
Chair: Kristen Karlberg, Purchase College, State University of New York

Participants:

Accountings of Selecting Danish Sperm on the (Ethical) Border. Stine Willum Adrian, Aalborg University

Chasing Family through the Tangled Genetic Web: Donor Gametes and Races/Ethnicities. Kristen Karlberg, Purchase College, State University of New York

Genetic Testimony: the Rediscovery of Taiwanese Ancestry and the Identity Politics of Multiple Origins. Yuyueh Tsai, Academia Sinica

The Localization of Assisted Reproduction in Mexico: Negotiating Biogenetic and Social Relatedness. Lara Braff, University of California San Diego

Transnational Egg Donation in India: Voices from Indian and South African Egg Donors. Daisy Deomampo, Fordham University
8:30 to 10:00 am
Windsor East

Chairs:

Simone Schumann, Andrea Schikowitz, Gernot Rieder, Michael Penkler, Judith Igelsboeck, Kay Felder, Dorothea Born, University of Vienna

Participants:

Indigenous Livelihoods and Herbicide Pollution in the Klamath Watershed of Northwestern California. Anandi van Diepen-Hedayat, Yale University

Should STS Leaders Be Public Intellectuals? Raphael Sassower, University of Colorado


Formalisation and Separation: Summarising Science for Climate Policy. Goran Sundqvist, University of Oslo

Science, Politics and the Nuclear Industry. Darrin Durant, York University

116. (H)appy Thoughts: Technique, Prosthesis, Interface
8:30 to 10:00 am
Windsor West

Chair: Svitlana Matviyenko, University of Western
Ontario

Participants:

Apps and the Elementary Forms: Larval Political Theology. Benjamin Bratton, University of California, San Diego


Imaginary Technologies - The Applied Culture of Apps. Jamie Allen, Copenhagen Institute of Interaction Design

Apps and Interpassivity. Svitlana Matviyenko, University of Western Ontario

117. Coffee Break
10:00 to 10:30 am
Golden Pacific Foyer

118. Negotiating Regulations & Sustainability
10:30 to 12:00 pm
Ascot

Chair: Nicolas Rossignol, Université de Liège

Participants:

Municipalities as System Builders for Sustainable Energy Solutions. Magdalena Fallde, The Department of Thematic Studies - Technology and Social Change; Jenny Palm, Linköping University

Water and Sustainability: The Management and Educational Practices Socio-Environmental in the
City. Maria Arlete Rosa, Universidade Tuiuti do Paraná

Energy Efficiency, Rebound Effects, and Sustainability Studies. Mohammad Halimi, Virginia Tech

Industrial Hazards and Social Factors: A Question of Vulnerability. Nicolas Rossignol, Université de Liège; Catrinel Turcanu, SCK•CEN

119. Postphenomenological Research I: Postphenomenological Theory of Technology
10:30 to 12:00 pm
Brittany

Chair: Robert Rosenberger, Georgia Institute of Technology

Participants:

Why STS and Postphenomenology Need Feminist Standpoint Theory to Describe Mundane Artifacts. Robert Rosenberger, Georgia Institute of Technology


Transdisciplinary Interpretation vs. Comparative Epistemology: How to Be Interdisciplinary in a Technoscientific World. Robert Scharff, University of New Hampshire; David Stone, Northern Illinois University

Intelligibility, Plausibility, and Scientific Theory Appraisal. Sindhuja Bhakthavatsalam, UCSD
120. Social Studies of Social Science II: Interventions
10:30 to 12:00 pm
Clarendon
Chair: Elizabeth Popp Berman, University at Albany, SUNY
Participants:
Doubting the Numbers: Expert Reckonings of Human Rights Data. Joshua Clark, University of California, Irvine
Governmentality, State’s Cognitive Equipment and Poverty as Epistemic Object. Claudio Ramos Zincke, Universidad Alberto Hurtado
“Value Added Modeling” and Teacher Evaluation: Social Science and the Ambiguities of Expertise. Aaron Panofsky, University of California, Los Angeles
Epistemic Cultures of Qualitative Research in Sociology: Comparing France and Germany. Reiner Keller, University of Augsburg (Germany)

121. STS and Latin America: Beyond Imported Magic
10:30 to 12:00 pm
Crescent
Chairs:
Eden Medina, Indiana University
Ivan da Costa Marques, Universidade Federal do Rio de Janeiro
Christina Holmes, EHESS-CNRS, Paris
Participants:
Neoliberalism as Political Technology: Expertise, Energy and Democracy in Chile. Javiera Barandiaran,
University of California, Berkeley; Manuel Tironi, Pontificia Universidad Catolica de Chile

Choices for the Future: Localization or Making Young Consumers?  
Morgan Ames, Stanford University

Describing Design: ICT4D and Local Variation at the Periphery.  
Anita Chan, University of Illinois

Discussant:
Ivan da Costa Marques, Universidade Federal do Rio de Janeiro

122. Revisiting Embodiment and Materiality in Ethnography of Sciences and Technologies: II
10:30 to 12:00 pm
Eaton

Chairs:
Martina Erlemann, Freie Universität Berlin
Petra Lucht, Technical University of Berlin & RWTH Aachen

Participants:

Embodiment and Materiality in Ethnographies of Physical Sciences.  
Martina Erlemann, Freie Universität Berlin

Embodiments. The Becoming of Ethnographic Data: When Subjects and Objects Touch.  
Sisse Finken, University of Oslo; Christina Mörtberg, Linneaus University, Sweden; Pirjo Elovaara, Blekinge Institute of Technology

Technoscience Epistemologies: What’s Next?  
Sharon Traweek, UCLA
123. Critical Perspectives on Health Discourses  
10:30 to 12:00 pm  
Fairfield  
Chair: Emmanuel Henry, Institute of Political Studies Strasbourg France  
Participants:  
Street Medicine and the Sexing of Patients in a Radical Counter Culture. Matthew Weinstein, University of Washington-Tacoma  
Simulating Clinical Encounters through the Use of Gynecological Teaching Associates: Practices and Implications. Kelly Underman, University of Illinois at Chicago  
The Practices of “iPS Cell Sommeliers” in a Japanese Laboratory. Wakana Suzuki, Osaka university  
The Role of Science and Expertise in Producing Inertia of French Occupational Health Policies. Emmanuel Henry, Institute of Political Studies Strasbourg France

124. 'Big Data': Symbols, Practices, and Epistemic Uncertainties: II  
10:30 to 12:00 pm  
Garden Salon One  
Chair: Chiara Garattini, Intel Corporation
Participants:

Dialogue between Big Data and Small Data. *Veera Ilona Mustonen, National Consumer Research Centre*

The Quantified Self Movement as an Alternative Big Data Practice. *Jamie Sherman, Intel Labs*

Why Big-Data Are Not a ‘Information Repository’: Research in Molecular Biology and High-Throughput Scientific Instruments. *Federico Neresini, University of Padua*

Big Data and Big Biomedicine. *Linda F. Hogle, University of Wisconsin--Madison*

Discussant:

*Evelyn Ruppert*, Goldsmiths, University of London

125. **E Pluribus Unum? The Problem of Epistemic Integration in Multi-level Political Communities: II**

10:30 to 12:00 pm

*Garden Salon Two*

Chair: *Patrick Baur*, UC Berkeley

Participants:

Epistemic Jurisdictions: Science, Courts and the Federalist Formations. *David Winickoff, University of California, Berkeley*

A Fresh Frontier for HACCP: Locating the Limits of Integration in Food Safety Governance. *Patrick Baur, UC Berkeley*

Making the "Landscape Approach" in Global Agricultural Science: The Epistemic Politics of Relational Scale. *Alastair Iles, University of*
126. What Does It Mean to Prepare for Life in 'Humanity 2.0'?
10:30 to 12:00 pm
Golden Ballroom One
Chair: Francis Remedios, Editorial Board Member Social Epistemology
Participants:
Fuller’s Categorical Imperative: The Will to Proaction. James Britt Holbrook, University of North Texas
The Political Epistemology of Humanity 2.0. David Budtz Pedersen, Center for Semiotics, Aarhus University
Humanity 2.0, Synthetic Biology and Risk Assessment. Francis Remedios, Editorial Board Member Social Epistemology

127. State Multiplicity, Performativity and Materiality: Current STS Research on State and Stateness: I
10:30 to 12:00 pm
Hampton
Chairs: Jan-Hendrik Passoth, Technische Universität Berlin
Participants:

Ambiguous States: Mobilizing Traditional Authorities and Making Multiplicity in Malawi. *Anna West*, *Stanford University*

Co-Producing State and Citizen: The ID Card in Colombia. *Olga Restrepo Forero*, *Universidad Nacional de Colombia*; *Malcolm Ashmore*, *Loughborough University*

Creating Consumers, Enacting the State: Technodevelopment in Post-Apartheid South Africa. *Kevin Donovan*, *University of Cape Town*

Die Migrationshintergrundstatistik: The Political Impact of Census Categories in Contemporary Germany. *Luisa Farah Schwartzman*, *University of Toronto*; *Jennifer Elrick*, *University of Toronto*

Encountering the Embodied State through Buses, Underpasses and the Materiality of Urban Renewal. *Govind Gopakumar*, *Concordia University*

128. **Innovation and Impact: Both Within and Outside the Academy**

*10:30 to 12:00 pm*  
*Floor 2 - Pacific Salon Five*  
Chair: *Brianna Rego*, Life Sciences Foundation

Participants:

An Uneasy Balance: Scientist Autonomy and Profit in Industrial Research. *Robert Osley-Thomas*, *University Wisconsin*; *Daniel Kleinman*, *University of Wisconsin*
Contract Pharmaceutical Research in Situ. *Mark Jones, Life Sciences Foundation*; *Brian Dick, Life Sciences Foundation*

Science and Politics in the EBI Debate on Biofuels. *Elif Kale-Lostuvali, UC Berkeley*

The Interplay of Academic and Industry Partners in High Tech Science: An Examination of the Development of Organizational Culture in University-Industry Partnerships over Ten Years. *Karen A. Kim, CSU Fullerton*

Behind a Veil of Smoke: R&D at Philip Morris. *Brianna Rego, Life Sciences Foundation*

**129. Genetic Discrimination: Perspectives and Practices in Different Countries**

*10:30 to 12:00 pm*

*Floor 2 - Pacific Salon Four*

Chair: *Ingrid Metzler*, Harvard Kennedy School

Participants:

Emerging Discrimination in the 1970s: Workplace Screening and “Genetic Makeup”. *Janet Childerhose, University of Michigan*

Being Genetically at Risk: Experiencing Discrimination, Stigmatization, and Adverse Treatment. *Tabea Eißing, Sociology; Tino Plümecke, Frankfurt University*

Genetic Discrimination in Australia: Policy Response in the International Context. *Kristine Barlow-Stewart, Royal North Shore Hospital*
Genealogists as Citizen Scientists: Personal Genomics, Genetic Literacies, and Technologies of Race. Scout Calvert, University of California, Irvine

Discussant: Amade M'charek, Universiteit van Amsterdam

130. Medical Imaginaries and Technological Futures
10:30 to 12:00 pm
Pacific Salon One
Chair: Aske Juul Lassen, University of Copenhagen

Participants:
When Money is Not Enough – Sperm Donor Narratives. Sebastian Mohr, University of Copenhagen
Unstructured Care for the Future: A Study of Responsible Innovation of Medical Technologies. Christopher Till, The University of Leeds; Anne Kerr, University of Leeds; Paul Ellwood, University of Leeds
Professional Dominance as a Barrier in Research Translation. Laura Senier, University of Wisconsin-Madison; Jessica Von Reyn, University of Wisconsin-Madison Law School; Jason Orne, University of Wisconsin-Madison
Technologies of Active Aging. Aske Juul Lassen, University of Copenhagen

131. The Politics of Risk & Perception: The Nanotechnology Case
10:30 to 12:00 pm
Floor 2 - Pacific Salon Seven
FRIDAY

Chairs:

**Mary Collins**, University of California, Santa Barbara
**Barbara Herr Harthorn**, UC Santa Barbara
**Nick Pidgeon**, Cardiff University

Participants:

Ecotypes, Risk Perception, and New Technologies: The Effect of Environmental Context on Public Risk Perception. **Mary Collins, University of California, Santa Barbara**; **Shannon Hanna, University of California, Santa Barbara**; **Barbara Herr Harthorn, UC Santa Barbara**; **Terre Satterfield, University of British Columbia**

Risky Business? How Risk vs. Benefit Frames Influence Consumer Attitudes toward Nanotechnology Applications. **Lauren Copeland, University of California, Santa Barbara**; **Ariel Hasell, University of California, Santa Barbara**

The Politics of Risk in Deliberative Debates on Nanotechnologies for Health & Enhancement. **Barbara Herr Harthorn, UC Santa Barbara**

Officially Ambivalent: Technocratic Commitments in the Democratization of Science Governance. **Edwina Barvosa, UC Santa Barbara**

Constructing Nanotechnology Publics in India, South Africa and Kenya. **Koen Beumer, Maastricht University**

132. The New Sentinels of Technical Progress

10:30 to 12:00 pm

Floor 2 - Pacific Salon Six
Chair: Bhavna Shamasunder, University of California, Berkeley

Participants:

Struggles for Power and the Privatization of Spaceflight. *Michael Bouchey, Rensselaer Polytechnic Institute*

The Airbag as a Source of Contention: Government and Industry Respond. *Renee M Blackburn, MIT*

The Probability of Practical Impossibility: A Forensic Discipline Confronts Uncertainty. *Simon Cole, University of California, Irvine*

Simulation modelling in Technology Development: Mediating between Science and Society. *Joakim Juhl, Aalborg University*

The Science and Scientization of Food Based Chemical Exposures: An Environmental Justice Case for Cross-Movement Dialogue. *Bhavna Shamasunder, University of California, Berkeley*

### 133. Surveillance and the Mediation of Big Data: II

10:30 to 12:00 pm

*Pacific Salon Three*

Chairs:

*Torin Monahan*, UNC-Chapel Hill

*Anders Albrechtslund*, Aarhus University

Participants:

Getting Played: Gameification and the Rise of Algorithmic Surveillance. *Casey O'Donnell, University of Georgia*
Home Made Data? Challenges and Opportunities for Citizen Social Science. Alexander Halavais, Arizona State University

The New Profiling – Data Mining, Black Boxes and the Failure of Ethical Safeguards. Matthias Leese, University of Tuebingen

Private-Public Data Transfers and the Legality Principle. Merel Koning, Radboud University Nijmegen

Big Data: Reconstruction and Dispute for New Meanings of Privacy. Marta Mourão Kanashiro, University of Campinas (Unicamp); Rafael de Almeida Evangelista, Universidade Estadual de Campinas; Rodrigo José Firmino, Pontificia Universidade Catolica do Paraná; Fernanda Glória Bruno, Universidade Federal do Rio de Janeiro

134. The Cloud and the Crowd

10:30 to 12:00 pm
Pacific Salon Two

Chairs:

Cori Hayden, University of California, Berkeley

Nicholas D’Avella, University of California, Berkeley

Participants:

Connecting the Dots: An Ecological Perspective on How Publics Gather around Criminal Data. Sylvain Parasie, Université Paris Est / Marne-la-Vallée; Jean-Philippe Cointet, INRA-SenS

Crowdsourcing the Future and the Deferral of Philanthropy and Pleasure. Josef Nguyen, University of California, Davis

Locating Clouds and Crowds: Berlin’s Mobile Publics. *Jordan Kraemer, UC Irvine*

Science and the Commodification of the Crowd. *Olivier Glassey, University of Lausanne, Switzerland*

135. **Integrating Neuroscience and Neuroscholarship: Adapting and Updating Transdisciplinary Research Paradigms in STS**

10:30 to 12:00 pm

*Sheffield*

Chair: **Melissa M. Littlefield**, University of Illinois, Urbana-Champaign

Participants:

Becoming Neuroscholars: Disciplinary Double Consciousness in Emergent Neuroscholarship. *Melissa M. Littlefield, University of Illinois, Urbana-Champaign*

Can Neuroscience and Creativity Co-Exist in the Same Room? *Phuonguyen Chu, NeuroLinx Research Institute; Ann Lam, Neurolinx Research Institute; Elan Liss Ohayon, Neurolinx Research Institute*

The Signature Identities of Experimental Neuroscience. *David Brian Hay, King's College London*

Reflecting on Metaphors and the Multiple Realities of Mirror Neurons. *David R Gruber, City University of Hong Kong*
Going Interdisciplinary: Entangling Neuroscience, Social Science and the Humanities in a Study of Deception. 
*Des Fitzgerald, London School of Economics and Political Science*

**136. Value Practices in the Life Sciences**

*10:30 to 12:00 pm*

*Terrace Salon Three*

**Chairs:**

*Francis Lee*, Linköping University

*Claes-Fredrik Helgesson*, Linköping University

**Participants:**

*On the Omnipresence, Diversity, and Elusiveness of Values in the Life Sciences.* *Isabelle Dussauge*, *Uppsala University*; *Claes-Fredrik Helgesson*, *Linköping University*; *Francis Lee*, *Linköping University*

*Pharma’s Key Opinion Leaders: Valuing Conflicts of Interest and Independence.* *Sergio Sismondo*, *Queen's University*

*Competing Regimes of Value in the Allocation of Transplant Organs.* *Philip Roscoe*, *St. Andrews University*

*Enacting Values from the Sea: Co-Modifying Markets and Biological Entities.* *Kristin Asdal*, *University of Oslo*

*On Purity and Interest.* *Francis Lee*, *Linköping University*
137. Law and Public Health: Exploring the Intersections Between Legal, Social and Material Practices
10:30 to 12:00 pm
Windsor East
Chairs:
- Martyn Pickersgill, University of Edinburgh
- Emilie Cloatre, University of Kent

Participants:
Interrogating Law through Medicines in Sub-Saharan Africa. Emilie Cloatre, University of Kent
Making Policies, Practices and Personalities through Mental Health Law. Martyn Pickersgill, University of Edinburgh
Housing, Health, and Safety: Regulation in a Cold Climate? Helen Carr, University of Kent
Clinical Trials Abroad: EU Law, Public Health and Its Subjects. Mark Leslie Flear, Queen's University Belfast

138. Postcolonialism(s) and STS: I
10:30 to 12:00 pm
Windsor West
Chair: Wenda Bauchspies, Georgia Institute of Technology
Participants:
Decolonization of Science and Technology: Why?, About Time!, or Impossible. Wenda Bauchspies,
Georgia Institute of Technology; Veronica Brodén Gyberg, Linköping University

Blackboxing the Body: Contesting Embodied Expertise in Transnational Field Sciences. *Mary Leighton, University of Chicago*


Decolonizing the Museum: Catalogs and the Construction of Knowledge. *Hannah Turner, University of Toronto*

At the Waters Edge: Environmental Crisis, Humanitarianism, and the Condition of Postcolonial Sovereignty. *Michael Mascarenhas, Rensselaer Polytechnic Institute*

139. **New Genetics and Society Journal Editorial Board Meeting**
12:00 to 2:00 pm
Galleria One

Chairs:
*Adam Michael Hedgecoe*, Cesagen, Cardiff University
*Richard Tutton*, Lancaster University

140. **Science, Technology & Human Values Editorial Board Meeting**
12:00 to 2:00 pm
Fairfield

Chair: *Edward Hackett*, Arizona State University
141. Reproductive Technologies
2:00 to 3:30 pm
Ascot
Chair: Danielle Griffiths, University of Manchester

Participants:
Belonging Nowhere in the Area of Reproductive Tourism. Daniela Schuh, University of Vienna; Ulrike Felt, University of Vienna


Beating the Biological Clock: Technology’s Impact on Procreative Decision-making. Lauren Jade Martin, Penn State University, Berks

Artificial Reproductive Technologies: (Re)Producing Heteronormativity. Danielle Griffiths, University of Manchester; Amel Alghrani, University of Manchester

Choreographing Risk: Fetal Reduction in Taiwan. Chia-Ling Wu, National Taiwan University

142. Postphenomenological Research II: Theorizing the Ethics and Politics of Technology
2:00 to 3:30 pm
Brittany
Chair: Robert Rosenberger, Georgia Institute of Technology

Participants:
Making the Gestalt Switch. Andrew Feenberg, Simon Fraser University
An Integrated Model on How Technology Changes Moral Frameworks. Jan Bats, Haagse Hogeschool

On the Technological Uncanny and the Need for Philosophy. Kirk Besmer, Gonzaga University

The Ethical Experience: Offline/Online. Michel Puech, Sorbonne University, Paris

The Mechanization of Perception. Galit Wellner, Bar Ilan University

143. Representation: An Interdisciplinary Perspective?: I

2:00 to 3:30 pm

Clarendon

Chair: Elizabeth (Beth) Jacqueline Kewell, SEROS, University of Stavanger

Participants:

How to Make Theory Travel: Methods and Modeling of Simulated Ecological Systems. Shawn A Miller, University of California, Davis

Robustness Reasoning in the Experimental Sciences. Robert Hudson, University of Saskatchewan

Emergence, Critics, Development and Application of “Fuzzy Theory” Concept in Japan. Arisa Ema, Kyoto University

Intertwining the Epistemic and Societal in University Research. Juha Tuunainen, University of Helsinki; Reijo Miettinen, University of Helsinki; Terhi Esko, University of Helsinki
144. Interrogating Collaboration: Complex Questions and New Directions for Studying Interdisciplinary and Interinstitutional Collaboration
2:00 to 3:30 pm
Crescent
Chair: Jennifer Croissant, University of Arizona

Participants:
Interrogating Interdisciplinary Collaboration: Meanings and Practices of Collaboration in the Chemical Sciences. Laurel Smith-Doerr, Boston University; Jennifer Croissant, University of Arizona; Itai Vardi, Boston University

Organizational Structuring in Nanotechnology: Openness vs. Community. Sebastiano Massaro, University College London; Gianni Lorenzoni, University of Bologna; Matteo Prato, USI (Università Della Suizcera Italiana)

Ideas, Emotions, and Coherent Group Development. Edward Hackett, Arizona State University; John Nathaniel Parker, National Center for Ecological Analysis and Synthesis

Data Performativity in Oil and Gas Operations. Elena Parmiggiani, Norwegian University of Science and Technology; Torstein Elias Løland Hjelle, Norwegian University of Science and Technology

145. Revisiting Embodiment and Materiality in Ethnography of Sciences and Technologies: III
2:00 to 3:30 pm
Eaton
FRIDAY

Chairs:

**Martina Erlemann**, Freie Universität Berlin  
**Petra Lucht**, Technical University of Berlin & RWTH Aachen

Participants:

H like Horses: Video-Arrangements as an Ethno-Ethnographical Method. **Marion Mangelsdorf**, Albert-Ludwigs-University Freiburg, Germany

Oneness of Human and Robot. **Grant Jun Otsuki**, University of Toronto

Re-Presenting Skill: Unpacking Knowledge Embodied in a Disappearing Technology. **Tom Fisher**, Nottingham Trent University; **Julie Botticello**, Nottingham Trent University; **Nick Hayes**, Nottingham Trent University

146. Collaboration and Challenges  
2:00 to 3:30 pm  
Fairfield

Chair: **Kristin Hope**, University of Bergen

Participants:

"Bad Research Collaborations: Perspectives from Women Scientists and Engineers." **Barry Bozeman**, University of Georgia; **Monica Gaughan**, University of Georgia

Historical Analysis of Advisory Committees on Medical Policies in Japan: Expert Knowledge and Medical Officers. **Akashi Tanaka**, The University of Tokyo; **Sho Sekiya**, The University of Tokyo; **Kosuke Moriwaki**, The University of Tokyo; **Yoshiyuki Hirono**, The University of Tokyo

Modes of Knowledge Production: Power and Ideology in Multi-Disciplinary Health Research. Finn Olesen, Aarhus University; Lotte Huniche, University of Southern Denmark

Insights on Method and Culture in an International Transdisciplinary Project. Kristin Hope, University of Bergen

147. Citizens’ Science Policy: Stem Cell Challenge and Response
2:00 to 3:30 pm
Garden Salon One
Chair: Annika Rickne, Gothenburg University, Sweden

Participants:
Californian Innovation in Regenerative Medicine. Annika Rickne, Gothenburg University, Sweden

Counter Cyclical Innovation Funding and the New Public Understanding of Science. Henry Etzkowitz, International Triple Helix Institute, Palo Alto & Beijing

148. Media, Emergence, and Control
2:00 to 3:30 pm
Garden Salon Two
Friday

Chairs:
- **Pooja Rangan**, Eugene Lang College
- **Bhaskar Sarkar**, University of California, Santa Barbara

Participants:
- Media Piracy, IP Legislation, and the “Southern” Performance of Security. **Bhaskar Sarkar, University of California, Santa Barbara**
- From Emergency to Emergence: Toward a Non-Interventionist Mode of Mediation. **Pooja Rangan, Eugene Lang College**
- Constraint and Emergence in Videogame Use. **Daniel Reynolds, Emory University**
- Viral Emergence as Biomedia. **Bishnupriya Ghosh, University of California, Santa Barbara**

Discussant:
- **Lisa Cartwright**, UCSD

149. Film II
2:00 to 3:30 pm
**Golden Ballroom One**

Chair: **Matthew Harsh**, Concordia University

Participants:
- Brother Time. Wesley Shrum (US), Matthew Harsh (Canada), Paul Mbatia (Kenya), Rick Duque (US), Antony Palackal (India), Dan-Bright Dzorgbo (Ghana)
- Atomic Junction: An African Road to Nuclear Power. **Abena Dove Osseo-Asare, University of California, Berkeley**
150. State Multiplicity, Performativity and Materiality: Current STS Research on State and Stateness: II
2:00 to 3:30 pm
Hampton
Chairs:
Jan-Hendrik Passoth, Technische Universität Berlin
Nicholas J Rowland, Pennsylvania State University
Participants:
Migration, Mobility, and the Networked State. Huub Dijstelbloem, University of Amsterdam
Peopling Europe. Evelyn Ruppert, Goldsmiths, University of London

151. Neurotechnologies, Neuroethics, and Neuro-Identities: I
2:00 to 3:30 pm
Floor 2 - Pacific Salon Five
Chair: Hannah Fitsch, Technische Universität Berlin
Participants:

Risky Brains: The Neurobiology of Aggression and Violence. *Torsten Heinemann, Goethe University Frankfurt*

The End of Nature/Nurture? Insights from Neuroplasticity, Epigenetics, STS and Social Theory. *Maurizio Meloni, University of Nottingham*

Just to Give you a Picture. A Visual Ethnography of Functional Magnetic Resonance Imaging. *Hannah Fitsch, Technische Universität Berlin*


152. Locating the Topographies of the State in STS

2:00 to 3:30 pm

*Floor 2 - Pacific Salon Four*

Chair: *Ingrid Metzler*, Harvard Kennedy School

Participants:

Contested Economies in a Biopolitical State; Biobanking in Singapore. *Erik Aarden, Harvard University*


States of Placelessness: Risk and Responsibility in H5N1 Research. *Ben Hurlbut, Arizona State University*

Governing the Pre-Demented: Genetic Testing for Alzheimer’s Disease in Germany, the United Kingdom and the United States. *Margaret Curnutte, University of Milan*
The Embryo Republic: The Italian Debates on IVF Embryos and Their Publics. *Ingrid Metzler, Harvard Kennedy School*

Discussant: *Sheila Jasanoff*, Harvard University

153. **Money, Credit, Value: Devices, Practices and Modes of Knowing, Sensing and Making the 'Economic': I**

2:00 to 3:30 pm

*Pacific Salon One*

Chair: *Andras Novoszath*, The Open University

Participants:

Consumers in the Making: Market Research as Object of Study. *Johan Nilsson, Linköping University*


Measure for Measure: From Concentration Ratios to the Herfindahl-Hirschman Index in U.S. Antitrust Policy. *Elizabeth Popp Berman, University at Albany, SUNY*

Student Loan Debts and Rising of Income Inequality in the United States. *Oscar Esteban Cariceo, University of Pittsburgh*

Ticks of the Trade: Technical Analysis Self-Justified. *Frederic Claisse, University of Liège*
154. **Media Technologies: Communication, Materiality and Society**

2:00 to 3:30 pm  
Floor 2 - Pacific Salon Seven

Chairs:  
**Pablo Boczkowski**, Northwestern University  
**Tarleton Lee Gillespie**, Cornell University  
**Kirsten Foot**, University of Washington

Participants:
Steps towards Cosmopolitanism in the Study of Media Technologies. **Pablo Boczkowski**, Northwestern University; **Ignacio Siles**, Northwestern University

The Relevance of Algorithms: The Production of Calculated Publics. **Tarleton Lee Gillespie**, Cornell University

Materiality and Media in Studies of Communication and Technology: An Unfinished Project. **Leah Lievrouw**, UCLA

Mediations and Their Others. **Lucy Suchman**, Lancaster University

Discussant:  
**Fred Turner**, Stanford University

155. **Will Collaborate for Change: Creating a Hybrid Culture between STS and Science/Engineering Graduate Education**

2:00 to 3:30 pm  
Floor 2 - Pacific Salon Six

Chair: **Michael Lachney**, Rensselaer Polytechnic
Participants:

Collaborations for Social Justice: K-12 Teachers and STEM Graduate Students. *Michael Lachney, Rensselaer Polytechnic Institute; Andrew Ellis, Rensselaer Polytechnic Institute*

Deliberative Construction: Social Influences as a Resource in Software Development. *Libby Rodriguez, Student in Computer Science*

Culturally Situated Sensing. *Louis Gutierrez, Rensselaer Polytechnic Institute; Michael Christopher O'Keefe, Rensselaer Polytechnic Institute*

Critical Growing: Social Justice, Urban Agriculture, and STEM Education. *Daniel Allen Lyles, Rensselaer Polytechnic Institute*

Discussant:

*Ellen Foster*, Rensselaer Polytechnic Institute

156. *The Work of Art in the Age of Aqueous Technoscience*

2:00 to 3:30 pm

*Pacific Salon Three*

Chair: *Eva Hayward*, University of Cincinnati

Participants:

Waves across Media. *Stefan Helmreich, MIT*

Visual Captures: Aesthetics, Materiality, and the Census of Marine Life. *Stacy Alaimo, University of Texas, Arlington*
Disruptive Waters: EDC and Toxic Sexes. *Eva Hayward, University of Cincinnati*

Current Collections: Material Encounters on a Plastic Beach. *Kim De Wolff, University of California, San Diego*

Counter-Mapping Aquatic Vectors. *Nicole Starosielski, New York University*

### 157. Genetic Web & Cultures
2:00 to 3:30 pm
*Pacific Salon Two*
Chair: *Burcu Mutlu, MIT*

Participants:
- Technologically Assisted Family Secrets in Turkey: Negotiating Sex Selection in Virtual Communities. *Burcu Mutlu, MIT*
- Material Futures: The Cultural Politics of DNA in South Africa. *Noah Tamarkin, University of Pennsylvania*
- Forensic Science and Public Trust: Solidarity and ‘Genomic Justice’. *Matthias Wienroth, Northumbria University; Robin Williams, Northumbria University*
- Looping Genomes: Diagnostic Change and the Genetic Makeup of the Autism Population. *Daniel Navon, Columbia University; Uri Shwed, Ben Gurion University of the Negev; Gil Eyal, Columbia University*

### 158. STS Ethnographies in Post Colonial Worlds: I
2:00 to 3:30 pm
*Sheffield*
Chair: *Sarah Stefanos, University of Wisconsin, Madison*
Participants:


Bearing the Danger of Expertise: Embodied Knowledge Production in Borneo. Rheana (Juno) Salazar Parrenas, Rutgers Center for Historical Analysis

The ‘Riskization’ of Child Development: the (re)assemblage of the Regime of Early Intervention in Taiwan. Fan Tzu Tseng, Fu Jen University

China’s Innovative Entrepreneurship: An Ethnography of Information Technology Startups. Kun Chen, California State Polytechnic University, Pomona

The Tractor and the Plow: Commercial Agriculture and Ethiopian Statemaking in the 21st Century. Sarah Stefanos, University of Wisconsin, Madison

159. Intersectional, Postcolonial, and Transnational Conversations in Feminist Science and Technology Studies
2:00 to 3:30 pm
Terrace Salon Three

Chair: Rajani Bhatia, University of Maryland

Participants:

Disease Discourse as a Site of Gendered and Raced Governmentality. Gwen D’Arcangelis, UCLA

Interdisciplinary Troubles: Feminist Scholars Working at the Cross-Sites of STS and WGS. Rajani Bhatia, University of Maryland
Unlimited Potential: Science, Technology, and Activism in Marge Piercy’s He, She, and It.  *Valerie L. Ruffin, Emory University*

Discussant:  
*Banu Subramaniam*, U. of Massachusetts

**160. Clinical Trials at the Intersection of Science, Markets, and Ethics**  
2:00 to 3:30 pm  
*Windsor East*

Chair:  *Jill Fisher*, University of North Carolina at Chapel Hill

Participants:

Research, Care and Moral Friction: Reassessing Drug Testing in High-Income Countries.  *Sarah Wadmann, University of Copenhagen*;  *Klaus Hoeyer, University of Copenhagen*

Capital Shifts: Targeted Therapies and the Role of Clinician-Investigators in Phase 1 Cancer Clinical Trials.  *Daniel Dohan, University of California, San Francisco*

Fieldworkers Views of Clinical Trials and Their Ethics.  *Patricia Kingori, University of Oxford*

Working Hard at “Healthy, Normal”: Healthy Volunteers in Phase I Pharmaceutical Clinical Trials.  *Jill Fisher, University of North Carolina at Chapel Hill*

Capitalizing on Health: How Immigrants Navigate Participation in Phase I Clinical Trials.  *Heather B Edelblute, University of North Carolina at Chapel Hill*
161. **Postcolonialism(s) and STS: II**
2:00 to 3:30 pm
*Windsor West*
Chair: **Wenda Bauchspies**, Georgia Institute of Technology
Participants:
- Technoscience, Postcolonialism, and the Return of Difference. **Kavita Philip**, *University of California, Irvine*
- Contested Means and Ends: Using Mining Royalties to Build Regional Science and Technology Capacities in Colombia. **Elisa Arond**, *Clark University*
- Morality, Justice, and Biomedical Obstetrics: Views from a Rural Indonesian Clinic. **Vanessa Hildebrand**, *Case Western Reserve University*
- Indian Entrepreneurs, Cybersecurity, and the Global Surveillance Industry. **Winifred Poster**, *Washington University, St. Louis*
- STS, Postcolonialism and Critique. **Richard W Rottenburg**, *University of Halle*

162. **Coffee Break**
3:30 to 4:00 pm
*Golden Pacific Foyer*

163. **The Question Is Not 'Are We Alone?' but 'Are We Ready?' The Impact of Astrobiological Discoveries**
4:00 to 5:30 pm
*Ascot*
Chair: Arsev Umur Aydinoglu, NASA Astrobiology Institution

Participants:

The Barriers to and Facilitators of Interdisciplinary Research: The Case of Astrobiology. Arsev Umur Aydinoglu, NASA Astrobiology Institution

Astrobiology, Ethics and Policy: The Need for Interdisciplinary Perspectives. Margaret Race, SETI Institute

Ethical Approaches to Astrobiology: Methods and Assumptions. Brian Patrick Green, Santa Clara University

Cosmic Eco-Social Systems: The Search for other Worlds. Kala Perkins, American Jewish University

Discussant: Linda Billings, National Institute of Aerospace

164. Postphenomenological Research III: Postphenomenological Perspectives on Self-tracking
4:00 to 5:30 pm
Brittany

Chair: Yoni Van Den Eede, Free University of Brussels (VUB)

Participants:

More than Gear and Gadgets: Self-Tracking for Elite Amateur Triathletes. Stacey Irwin, Millersville University
Augmenting the Self through Quantified Self-tracking.  
*Ana Viseu, York University*

Personal Analytics: The Politics and Temporalities of Self-tracking.  
*Minna Ruckenstein, National Consumer Research Centre*

A Postphenomenology of Self-tracking Technologies.  
*Yoni Van Den Eede, Free University of Brussels (VUB)*

Understanding Images: Imagination, Interpretation and Method in Radiology.  
*Jan Kyrre Berg Olsen Friis, Stony Brook University*

Discussant:  
*Natasha Dow Schull, MIT*

### 165. Representation: An Interdisciplinary Perspective?: II

#### 4:00 to 5:30 pm

Clarendon

Chair:  *Elizabeth (Beth) Jacqueline Kewell*, SEROS, University of Stavanger

Participants:

Organizing Boundaries, Representing Risk: A Study of the STS 'Ideas Market'.  
*Elizabeth (Beth) Jacqueline Kewell, SEROS, University of Stavanger*

Invisible Hands: Gender and Agency in Medical Illustration.  
*Drew Danielle Belsky, York University, Toronto*

Is Anybody Listening to the 4S Society?  
166. How “New” Is Now? Examining Technologies in the Biosciences
4:00 to 5:30 pm
Crescent
Chairs:
  Katie Ann Hasson, University of Southern California
  Theresa MacPhail, New York University
Participants:
Creative Donor Advocacy and the Technology of Policymaking. Jade Sasser, Loyola Marymount University
Making Technology New: The Emergence of Menstrual Suppression Birth Control. Katie Ann Hasson, University of Southern California
What is Normal Menstruation?: NovaSure and the Definition of Heavy Bleeding. Maral Erol, Duke University

167. Science, Technology and Citizen Engagement
4:00 to 5:30 pm
Eaton
Chair: Justin Goodman, People for the Ethical Treatment of Animals/Marymount University
Participants:
Citizen Participation in Energy Policy-Making Process of Japan after the Fukushima Nuclear Power Plant
Community Formation through Knowledge Sharing in the iOS App Developer Community.  
*Hansen Hsu, Cornell University*

*Justin Goodman, People for the Ethical Treatment of Animals/Marymount University; Casey Borch, Western Governors University*

Coordinating Sensemaking in Europe: Civil Servants’ Views on STI Policy Reforms.  
*Susana Borras, Copenhagen Business School*

Revisiting ‘Lay Expertise’: The Case of ‘Citizen Science’ Genomics.  
*Pei Koay, Center for Genetic Research Ethics & Law (CGREAL), Case Western Reserve University (CWRU)*

168. **Author Meets Critics: Hugh Raffle's Insectopedia Fleck Prize Winner 2012**

*4:00 to 5:30 pm*

*Garden Salon One*

*Chair: Linda Louise Layne, Rensselaer Polytechnic Institute*

*Panelists:*

*Donna Haraway, UCSC*

*Equardo Kohn, McGill University*
169. **Technoscience Circulation in the Global South: Beyond Diffusion and Translation**

4:00 to 5:30 pm  
*Garden Salon Two*

**Chair:** *Logan D. A. Williams*, Michigan State University

**Participants:**

- **A Stupa Not a Triangle: Cooperation among NGOs Fighting Avoidable Blindness.** *Logan D. A. Williams, Michigan State University*
- **Technology Adaptation and Transfer in Tropical Agriculture: Brazil-Africa.** *Leticia Cesarino, U. California Berkeley*
- **Research as Development: The Professional Politics of Global Health Science.** *Johanna Crane, University of Washington-Bothell*
- **Postcolonial Pharmaceutical Knowledge-Making beyond Traditional Knowledge and Natural Resources.** *Anne Pollock, Georgia Tech*
- **Therapeutic Applications of Stem Cell in India: A Case for Local Vs Global Science.** *Shashank Shekhar Tiwari, University of Nottingham*

**Discussant:**  
*Amit Prasad*, University of Missouri-Columbia
170. State Multiplicity, Performativity and Materiality: Current STS Research on State and Stateness: III
4:00 to 5:30 pm
Hampton
Chairs:
Jan-Hendrik Passoth, Technische Universität Berlin
Nicholas J Rowland, Pennsylvania State University

Participants:
The State Multiple. Nicholas J Rowland, Pennsylvania State University; Jan-Hendrik Passoth, Technische Universität Berlin

The Calibrating State: Disasters and the Experimental Making of People. Manuel Tironi, Pontificia Universidad Catolica de Chile; Rafael Crisosto, Pontificia Universidad Catolica de Chile

The Fragile Life of the State and its Ambivalence: From the Vaccination Commando to the Anti-Vaccination Movement. Merging Actor-Network Theory with World-system Analysis. Andrzej Wojciech Nowak, Adam Mickiewicz University, Poznan

What Makes a Vote, and What Does a Vote Make? Steffen Dalsgaard, IT University of Copenhagen; Christopher Gad, IT-University of Copenhagen

What Kind of “Thing” is the Technoscientific State? Patrick Carroll, University of California, Davis
171. Neurotechnologies, Neuroethics, and Neuro-Identities: II  
4:00 to 5:30 pm  
Floor 2 - Pacific Salon Five  
Chair: Rosanne Maria Edelenbosch, VU University  
Participants:  
On Building a Greener Neuroscience. Ann Lam, Neurolinx Research Institute; Elan Liss Ohayon, Neurolinx Research Institute  
Making the ‘People Cured Temporarily’ - Nanum Medical Service and Medical Tourism in South Korea. Chuyoung Won, Seoul National University  
Neuroimaging as an Evidence Base for Learning and Education. Rosanne Maria Edelenbosch, VU University; Frank Kupper, VU University Amsterdam  
Public Engagement with Neuroscience: An Interview Study. Cliodhna O'Connor, University College London; Helene Joffe, University College London  
The “Letter Diagnoses”: Neuropsychiatric Imag(in)ary in Sweden. Amelie Hoshor, University of Gothenburg  

172. Biomedicalization: Explorations and Elaborations  
4:00 to 5:30 pm  
Floor 2 - Pacific Salon Four  
Chairs:  
Grant Shoffstall, University of Illinois at Urbana-Champaign  
Courtney Cuthbertson, University of Illinois at Urbana-Champaign
Participants:

Natural Objects, Competing Knowledge, and the Biomedicalization of Well-Being. *Laura Oxenfeld, Drexel University*

Pharmaceutical Technologies and the Management of Biological Citizens in Chile. *Courtney Cuthbertson, University of Illinois at Urbana-Champaign*

Sanitation, Technology, and Public Health:
Biomedicalization of Human Bodily Nature through Sanitary Engineering. *Jennifer S. Carrera, University of Illinois at Urbana-Champaign; Jeremey Guest, University of Illinois at Urbana-Champaign*

Biomedical Appropriations: Cybernetics, Simulacra, and the Strange Case of Cryonic Suspension. *Grant Shoffstall, University of Illinois at Urbana-Champaign*


173. **Money, Credit, Value: Devices, Practices and Modes of Knowing, Sensing and Making the 'Economic': II**
4:00 to 5:30 pm
Pacific Salon One

Chair: *Andras Novoszath*, The Open University

Participants:
Monetizing and Prioritizing: Value of Information Analysis and the (E)valuation of Uncertainty in
Contemporary Health Care Research. Andrew Staver Hoffman, McGill University

Rounding Up: Dollarization and Denomination in Urban Ecuador. Taylor C Nelms, University of California, Irvine

The Credit Scoring and the Suppression of Time. Jeanne Hélène Lazarus, CSO (Sciences-po, CNRS)


The Matter of Value: Grappling with the Material Semiotics of Money. Andras Novoszath, The Open University

174. Information and Communication Technologies, Aspiration and Identity

4:00 to 5:30 pm
Floor 2 - Pacific Salon Seven

Chair: Janaki Srinivasan, Virginia Tech

Participants:

Technological Legitimacy in Processes of Collaboration and Exclusion. Christo Sims, University of California, San Diego

My Goals or Your Aspirations?: The Working of a Community ICT Center. Janaki Srinivasan, Virginia Tech

Imagined Information Practices: Information Determinism and Disaster Response. Megan Finn, Microsoft Research
The Infrastructures of Design Aspiration. *Lilly Irani,*
*University of California at Irvine*

Discussant:
*Winifred Poster,* Washington University, St. Louis

175. **Therapeutic Technologies of the Self**
4:00 to 5:30 pm
*Floor 2 - Pacific Salon Six*

Chairs:
*Katherine Marie Hendy,* UC Berkeley
*Marisa Brandt,* UCSD

Participants:
Theorizing Digital Media as Therapeutic Technologies for Treating PTSD. *Marisa Brandt, UCSD*

Affective Bodies, Chemical Selves: The Revival of Clinical Trial Research with Psychedelic Drugs. *Katherine Marie Hendy, UC Berkeley*

From Spitzer to Spitzer: Demedicalization of Homosexuality, Ex-Gay Research, and Technologies of the Sexual Self. *Tom Waidzunas, Temple University*

Mental Health Treatment and Popular Narratives in California. *William DiFede, UC Davis*

Discussant:
*Andrew Lakoff,* USC

176. **The Genomics of Sameness**
4:00 to 5:30 pm
*Pacific Salon Three*
FRIDAY

Chairs:

Amy Hinterberger, University of Oxford
Amade M'charek, Universiteit van Amsterdam

Participants:


Sameness and Propriety Entitlements: Enclosing a Sovereign African Genome. Amy Hinterberger, University of Oxford

The Phenotypic Other and Forensic Technologies of Sameness. Amade M'charek, Universiteit van Amsterdam

The Practice and Logics of Sameness Amidst Mestizo (admixed) Populations: Snapshots from Medical and Forensic Genetic Practice in Mexico and Colombia. Ernesto Schwartz Marin, Manchester University

Discussant:

Steven Epstein, Northwestern University

177. To Think, To Write, To Publish: STS and Creative Nonfiction
4:00 to 5:30 pm
Pacific Salon Two

Chairs:

David H. Guston, Arizona State University
Lee Gutkind, Arizona State University

Participants:

Stop Me before I Kill Again. Nick Genes, Mt Sinai School of Medicine; Robert Gonzales, @io9
Uncertainty in Climate Models. Emily Fertig, Carnegie Mellon University; Brian Kahn, Columbia University
Pauling for Peace. Melissae Fellet, Freelance science writer; Melinda Gormley, University of Notre Dame

178. STS Ethnographies in Post Colonial Worlds: II
4:00 to 5:30 pm
Sheffield
Chair: Aneesh Aneesh, University of Wisconsin - Milwaukee
Participants:
Postcolonial Molecules: Ontological Politics of Herbal Medicine Research in Ghana. Damien Droney, Stanford University
The Integration of Scientific and Lay Knowledge in the International Monitoring of Przewalski’s Horses. Michael Lee Zukosky, Eastern Washington University
Co-Production of a new Disease: Biomedicalization, Biopolitics and Genetic Responsibility. Neide Mayumi Osada, Unicamp (Brazil); Maria Conceição da Costa, Unicamp (Brazil)
Poor Health, Poor Science; Poverty-Related Diseases in Cameroon. Valerie Makoge, Wageningen University
Life as Property: Modes of Resistance in the Global Commons. Aneesh Aneesh, University of Wisconsin - Milwaukee

179. Resisting Environmental Solutions
4:00 to 5:30 pm
Terrace Salon Three
Chair: Kristan Cockerill, Appalachian State University
Participants:

River Restoration: Addressing Yesterday’s Solutions.  
*Kristan Cockerill, Appalachian State University*

Nuclear Uncertainties: Fukushima and Radioactive Waste.  *Jennifer Richter, University of New Mexico*

Diseases without Borders.  *Melanie Armstrong, University of New Mexico*

Dangers of Relying on Scientific Innovations for a Sustainable Future.  *Jordan G Okie, Arizona State University*

Claim Against Energy Policy of Japanese Government.  *Kotaro Kuroda, Meijo University*

180. **Reopening the Black Box of Academic Journals & Peer Review**  
4:00 to 5:30 pm  
Windsor East

Chairs:  
*Didier Torny, INRA - RiTME*  
*David Pontille, CNRS*

Participants:  
Re-Imagining the Collective Workplace.  *James Collier, Virginia Tech*

A Dance of Discovery: Charting the Recent Engineering Turn.  *Ray op'tLand, University of Calgary*

Peer Review and the Governance of the Academy.  *Robert Frodeman, University of North Texas*

Understanding Change in Academic Knowledge Production in a Neoliberal Era.  *Wendy McGuire,*
FRIDAY

York University; Mathieu Albert, University of Toronto

4:00 to 5:30 pm
Windsor West

Chair: Ron Dempsey, Southern Polytechnic State University

Participants:

- Eliciting Students’ Understanding of Engineering Knowledge and Its Social Context: A Pilot Study of Engineering Students’ Epistemological Development. Xiaofeng Tang, Rensselaer Polytechnic Institute
- Chicana/Latina Engineering Students: Mentoring and Microaggressions. Miguel Murillo, UCLA
- Engineering Ethics, Deliberative Democracy, and Engineering Education Reform. Brandiff Caron, Virginia Tech
- All about duckrabbids. Teaching Anthropology to Engineers. Marianne De Laet, Harvey Mudd College

Discussant:

Ron Dempsey, Southern Polytechnic State University
182. Presidential Prize Plenary
   6:00 to 7:30 pm
   Town and Country Room
   Chair: Trevor Pinch, Cornell University

183. 4S Banquet (all invited)
   7:30 to 11:00 pm
   Golden Ballroom and Lion Fountain Court
SATURDAY, OCTOBER, 12

184. Registration Saturday
8:00 to 12:00 pm
Golden Pacific Foyer

185. ICTs, Media and Visualization
8:30 to 10:00 am
Ascot
Chair: Camila Zeitoum, University of Campinas - UNICAMP

Participants:
Minorigate: Internet Zoning and Cultural Difference in Interactive Erotic Video. Niranjan Sivakumar, Cornell
Partnership as a Vehicle for Innovation: Collaborative Innovation in Public Libraries. Birgit Jaeger, Roskilde University
Diverging Representations of Kenya’s Business Process Outsourcing Sector by the Developmental State and Social Enterprise. Bob Bell, University of California, Berkeley
The Use of the Value Chain Concept to Public Policies Design and Evaluation: A Methodological Approach for the Brazilian Software Sector. Camila Zeitoum, University of Campinas - UNICAMP; Sergio Luiz Monteiro Salles-Filho, University of Campinas - UNICAMP

186. STS & Security: Training and Engaging
8:30 to 10:00 am
**Brittany**

Chair: *Samuel A Weiss Evans*, University of California, Berkeley

Participants:

Ethnography of Engagement between S&TS and U.S. Intelligence: Lessons-to-Date. *Kathleen M Vogel*, *Cornell University*

Boundary Work in STS Security Studies. *Sonja Schmid*, *Virginia Tech*

The Value of Collaborative Framings in Gaining Access to, and Analyzing, Security Concerns in Research and Development. *Samuel A Weiss Evans*, *University of California, Berkeley*

Discussant:

*Joseph Masco*, University of Chicago

187. The Renaissance of Technology Assessment

8:30 to 10:00 am

Clarendon

Chair: *Pierre Delvenne*, Université de Liège (SPIRAL)

Participants:

A Deliberative Workshop Trial: What Are the General Public’s Concerns About BMI? *Taichi Isobe, The University of Tokyo; Nozomi Mizushima, University of Tokyo; Ikuko Kase, The University of Tokyo; Natsuko Otsu, The University of Tokyo; Marika Uchida, The University of Tokyo; Osamu Sakura, University of Tokyo*
Methodology of Technology Assessment in Korea - Two Way Mixed Model. *Seung Ryong Lee, Korea Institute of S&T Evaluation and Planning*

Methods of Synthesis in IPCC Assessments: Degrees and kinds of Formalisation. *Ingemar Bohlin, University of Gothenburg*

Technology Assessment and Neoliberal STI Policies as Dancing Partners: Critical Insights in the New Spirit of Technology Assessment. *Pierre Delvenne, Université de Liège (SPIRAL)*

188. **In Search of "lines of flights" in / to / for / by Latin America and Elsewhere: I**

8:30 to 10:00 am

Crescent

Chair: *Ivan da Costa Marques*, Universidade Federal do Rio de Janeiro

Participants:

Between Purity and Hybridism: Technoscientific and Ethnical Myths of Brazil. *Raoni Rajão, Federal University of Minas Gerais; Ricardo B. Duque, St. Cloud State University*

What Do Mexicans Need to Decide Whether They Incorporate or not GM-Maize? *Wendy Cano, University of the Basque Country (UPV/EHU)*

Lines of Flight and Ontological Politics in Latin America. *Ivan da Costa Marques, Universidade Federal do Rio de Janeiro*
Environment and Art in the Knowledge of "Fluminense" Potters. Fatima Teresa Braga Branquinho, Universidade do Estado do Rio de Janeiro

189. Responsible Innovation: Recent Developments in Research and Education
8:30 to 10:00 am
Eaton

Chair: Behnam Taebi, Delft University of Technology

Participants:
Embedding Social Responsibility in the Design of Offshore Wind Energy Systems. Rafaela Hillerbrand, Delft University of Technology; Ilse Oosterlaken, Delft University of Technology; Rolf Künneke, Delft University of Technology; Kas Hemmes, Delft University of Technology

Responsible Innovation of Shale Gas: A Value Sensitive Design Approach. Behnam Taebi, Delft University of Technology; Aad Correlje, Delft University of Technology; Eefje Cuppen, TU Delft; Marloes Dignum, Delft University of Technology; Udo Pesch, Delft University of Technology


The Moral Imagination of Frugal Innovation. Keith Warner, Santa Clara University

Building Opportunities for Student Collaboration in Responsible Research and Innovation. Mary Sunderland, US Berkeley
190. Science and Technology at the Margins: How Space Shapes Knowledge Production
8:30 to 10:00 am
Garden Salon One
Chair: Aimi Hamraie, Emory University
Participants:
Wayfinding in the Museum: Embodied Cognition as Evidence in Universal Design. Aimi Hamraie, Emory University
High-Tech Lab, Low-Tech Workshop: Making Space for Democratized Engineering. Sara Hendren, Harvard Graduate School of Design
Mobilizing Epistemic Conflict: How Young Earth Creationists Enact a Museum. Kathleen Oberlin, Indiana University
Science Fiction? Diana Schmidt-Pfister, University of Konstanz
Discussant: David Serlin, University of California, San Diego

191. The Spatial Turn in STS: I
8:30 to 10:00 am
Garden Salon Two
Chair: Lisa Messeri, University of Pennsylvania
Participants:
Maps as Knowledge, Knowledge as Capacity. Glen Smith, University of Tromsø, Norway
Articulate Ecologies: Elephant Seals as Nonhuman ‘Oceanographers’. Natalie Forssman, University of California, San Diego
Mapping Malaria: The Spatial Turn in STS. Monica Ann Hoffman, UCSD Communication and Science Studies
Time, Space and Naturalness in the Tijuana River Estuary. Emma Johnson, University of California, San Diego
Social and Environmental Dimensions of Changing Water Management Regimes at the Salton Sea. Alida Cantor, Clark University Graduate School of Geography

192. Roundtable: Disaster-STS
8:30 to 10:00 am
Golden Ballroom Two
Chairs:
Kim Fortun, RPI
Scott Frickel, Washington State University
Discussants:
Sharon Traweek, UCLA
Vivian Y. Choi, Cornell University
Tyson Vaughan, Cornell University

193. Structuring Infrastructures: Perspectives on Sociomaterial Orders: I Infrastructural Landscapes
8:30 to 10:00 am
Hampton

Chairs:

**Christopher Henke**, Colgate University

**Benjamin Sims**, Los Alamos National Laboratory

Participants:

Maintaining Infrastructures: A Theory of Infrastructural Repair. **Christopher Henke**, Colgate University; **Benjamin Sims**, Los Alamos National Laboratory

When the Land Is Not Enough: Space, Society, and the Underwater City in Singapore. **Sulfikar Amir**, Nanyang Technological University (NTU)

Infrastructures and Tacit Knowledge. **Chandra Mukerji**, University of California, San Diego

Green Infrastructure and Ecosystem Science in Urban Settings – What For? **Stephanie Pincetl**, UCLA


194. Ethnography of S&T: I

8:30 to 10:00 am

Floor 2 - Pacific Salon Five

Chair: **Diane Vaughan**, Columbia University

Participants:

City in Oven': Mediation of the Mobile Tower Radiation Controversy. **Rahul Mukherjee**, UC, Santa Barbara

Matter/Meaning/Messiness. **Kara Wentworth**, UC San Diego
Odin's Bargain: Virtual Embodiment as Diffractive Apparatus. *Sabrina Weiss, Rensselaer Polytechnic Institute*

Practicing Accuracy in Visual Technoscience Communications. *Meaghan Brierley, University of Calgary*

Producing Controllers: System Effects, Distributed Cognition, and Dead Reckoning in Air Traffic Control. *Diane Vaughan, Columbia University*

### 195. Technology Law and Governance

8:30 to 10:00 am  
*Floor 2 - Pacific Salon Four*

Chair: **Marion Fourcade**, UC Berkeley

Participants:

- Colonial Social and Legal Theories: Historical Origins of Race and Sovereignty. *Ulia Gosart, UCLA*
- Human Rights and the Warming World: Refashioning Climate Through Law. *Jessica Koski, Northwestern University*
- Seeing Through the ‘Magic Microscope’: Legal Fictions in Gene Patents. *Karin Patzke, Rensselaer Polytechnic Institute*
- Epistemic Injustice and the Trustworthiness of Scientific Institutions: A Situated Account. *Heidi Grasswick, Middlebury College*
- Lost in Translation: Social Structure And The Qualification of Expertise in U.S. Courts. *Marion Fourcade, UC Berkeley; Roi Livne, UC Berkeley*
196. Participation Coupled with Technocracy in Environmental Questions
8:30 to 10:00 am
Pacific Salon One
Chair: Frédéric Vidal, CRIA University of Lisbon
Participants:
Engaging the Heterogeneous Publics in Making Decisions: A Korean Case of Nuclear Energy Policy. Hyomin Kim, UNIST (Ulsan National Institute of Science and Technology)
On the Rise and Fall of Inherently Safe Reactor Designs in Germany. Tudor B. Ionescu, University of Vienna; William J Kinsella, North Carolina State University
States of Expertise Around Bioclusters: Comparing Cases in Japan, Singapore and UK. Eriko Fukumoto, The University of Tokyo
The Research Projects on Electric Car on a Long-Term Perspective. Luísa Veloso, CIES-ISCTE; Frédéric Vidal, CRIA University of Lisbon

197. Spatial: I
8:30 to 10:00 am
Floor 2 - Pacific Salon Seven
Chair: Kyoko Sato, Stanford University
Participants:

Cultural Machines: Architecture, Information Processing, and Cultural Politics in Post-1968 France. **Ewan Branda, Woodbury University**

Materializing Ecosystems: Connecting the Pacific Proving Grounds and Wisconsin Wetlands. **Laura Jane Martin, Cornell University**

Migrating Aquatic Birds: Biological Sentinels for Human Disease. **Barbara C Canavan, Oregon State University**


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198. **People, Inventions and Markets**

8:30 to 10:00 am

Floor 2 - Pacific Salon Six

Chair: **Nobuko Ueno**, University of Tokyo

Participants:

Can Paid-for Content Help Optical Fiber Deployment? Evidence from France. **Catherine Lejealle, ESG Management school**; **Rayna Thierry, ESG Management school**

Dismantling Vested Interests after the Completion of the Large-scale Development. **Naomi Kaida, The University of Tokyo**

Rapid Diffusion of Robotic Surgery in a U.S. Market Area. **Ann Lennarson Greer, University of Wisconsin-Milwaukee**

Public Perception about Functional Food and its Assumption in Japan. Nobuko Ueno, University of Tokyo

199. Politics of Sustainable Energy Transitions I: Wind, Water, and Valuation
8:30 to 10:00 am
Pacific Salon Three

Chair: David John Hess, Vanderbilt University

Participants:

Co-construction of Credibility and Expertise: The Case of Wave Hub. Marfuga Iskandarova, University of Exeter

Finding the Public in Contested Mapping for Ocean Resources: Renewable Energy Development and Ocean Planning in Oregon. Paul Manson, Portland State University

Topophilia Revisited: The Place Politics of Wind Energy. Roopali Phadke, Macalester College

Material Grounding of Valuation: The Case of Large-Scale Penetration of Wind Power in Denmark. Peter Karnøe, Aalborg University

The Green Market: Renewables and the Politics of Electricity Market Design. Daniel Breslau, Virginia Tech
200. Smart Grid: Diversity of Actors, Technologies, and Visions
8:30 to 10:00 am
Pacific Salon Two

Chairs:

*Jennie C. Stephens*, Clark University

*Elizabeth Wilson*, University of Minnesota

Participants:

Efficient, Secure, Green: Digital Utopianism and the Challenge of a “Smart” Grid. *Rebecca Slayton*, Stanford University

Towards a Smarter Grid: EU-US Comparison of Actors as Drivers for Transformation. *Jennie C. Stephens, Clark University; Sabine Erlinghagen, Swiss Federal Institute of Technology Zurich (ETH Zurich); Jochen Markard, Eawag / ETH; Mudita Suri, University of Minnesota*

Comparing Definitions and Visions for Smart Grid Across U.S. Media Directed to Diverse Publics. *Tarla Rai Peterson, Texas A&M University*

Conflicting Smarts: Multiple Framings and Conflicting Interests in a Smart Grid. *Elizabeth Wilson, University of Minnesota*

Are Monopolies and Abundant Renewable Energy Supplies Bad for Smart Grid Development? Insights from Quebec. *Maya Jegen, Université de Québec à Montréal; Xavier Deschenes-Philion, Universite de Quebec, Montreal*
8:30 to 10:00 am  
Sheffield  

Chairs:  

Shreeharsh Kelkar, MIT  
Göde Both, TU Braunschweig  

Participants:  

Education of Artificial Desire: Crowdsourcing Sentiment Analysis. Ayhan Aytes, UCSD  
Learning to See. Self-driving Cars in Everyday Traffic. Göde Both, TU Braunschweig  
The Spread of New Self-Serve Technologies. Lone Bak Strandgaard, Roskilde University, Denmark  
Project-Shaped Participation in New and Emerging Technologies. Alexander Bogner, Austrian Academy of Sciences, Institute of Technology Assessment

202. Creating Knowledge  
8:30 to 10:00 am  
Terrace Salon Three  

Chair: Leslie Paik, City College of New York  

Participants:  

Understanding Amateur Data: Interactions in Astronomy and Environmental Sciences. Todd Suomela, University of Tennessee  
Constructing Global Knowledge from Local Data: Understanding the Meta-Study in Land Change
Science.  *Alyson Leigh Young, UMBC; Wayne G Lutters, UMBC*

Tensions in Interactions: the Shaping of Tacit Skills in the Knowledge Production Process.  *Susan Marie Aguilar, Texas A & M University; Kathryn Henderson, Texas A&M University; Marcus Ynalvez, Texas A&M International University; John C. Kilburn, Texas A&M International University; Noriko Hara, Indiana University; Ruby A. Ynalvez, Texas A&M International University; Kuo-Hua Chen, Tamkang University; Yoshinori Kamo, Louisiana State University*

Big Data vs. Thick Description: Problematizing Urban Informatics.  *Gabriel Mugar, Syracuse University; Ingrid Erickson, Rutgers University*

Coevolution of Scientific Careers and Virtual Organizations: Their Impact on Knowledge Production.  *Leslie Paik, City College of New York; Maria Christina Binz-Scharf, City College of New York*

**203. STS Interventions into Invention, Innovation, and Diffusion for Engineering Education**

*8:30 to 10:00 am  
Windsor East*

Chair: *Christopher Leslie*, Polytechnic Institute of New York University

Participants:

Teaching Student Engineers to Analyze Society: A Knowledge-Based Pedagogy.  *Bradley Tatar, Ulsan National Institute of Science and Technology; Jinsook*
Bench to Beside: Communicating the Communality of Science Enhances Motivation. Elizabeth R. Brown, Montana State University; Jessi L. Smith, Montana State University; Dustin B. Thoman, California State University, Long Beach; Lisa Zazworsky, California State University, Long Beach

Exploring Scientific Citizenship Development from a Course on STS. Alejandra Carolina Morales-Nasser, Monterrey Institute of Technology; Milagros Varguez, Tecnológico de Monterrey

Following Workflow of a Digital Scholar. Smiljana Antonijevic, Penn State University; Roskilde University

Discussant: Christopher Leslie, Polytechnic Institute of New York University

204. Infrastructure and the Civic Self
8:30 to 10:00 am
Windsor West

Chair: Fred Turner, Stanford University

Participants:

Image and Infrastructure: Multi-Screen Environments in World War II America. Fred Turner, Stanford University

Procedural Communities: Recreation Centers in Post-war America. Mathias Crawford, Stanford University
Exploring Civic Imaginaries in Issue-Oriented Hackathons. *Carl DiSalvo, Georgia Institute of Technology*

Discussant: 
*Phoebe Sengers*, Cornell University

205. **Coffee Break**
10:00 to 10:30 am
*Golden Pacific Foyer*

206. **STS: Global Challenges**
10:30 to 12:00 pm
*Ascot*

Chair: *Moira Catherine Fischbacher-Smith*, CHERR, University of Glasgow

Participants:

- Nuclear Sociotechnical Imaginaries: Risks and Development in Debate in Brazil. *Ana Paula Camelo, State University of Campinas; Marko Alves Monteiro, State University of Campinas*

- The Impact of Machine on Appreciation of The Beauty. *Lian Xinyan, Beijing, China*

- The Weaknesses of the Strong Tech-Science: the PX Projects in the Social Context in China. *Yuan Haijun, Inner Mongolian University*

- Contributions of Actor-Network Theory to Study Network Neutrality in Brazil. *Vinicius Wagner Oliveira Santos, State University of Campinas, Brazil; Marko Alves Monteiro, State University of Campinas*

- Hospitals as Sites for Crisis from Extreme Events. *Denis Fischbacher-Smith, University of Glasgow; Moira*
Catherine Fischbacher-Smith, CHERR, University of Glasgow

207. STS & the City: Science, Technology and Expertise in the Urban Environment
10:30 to 12:00 pm
Brittany

Chair: Michael Mendez, UC Berkeley

Participants:

From Global to Local: The Civic Epistemologies of Urban Climate Change. Michael Mendez, UC Berkeley

A New Operation of Expertise in San Francisco Water Infrastructure Planning. Miriam Solis, UC Berkeley

Renewable Energy Production and Territorial Development in Massachusetts, USA. Katherine E Foo, Clark University

Discussant:
Fallon Samuels-Aidoo, Harvard University

208. Science Communication and Education
10:30 to 12:00 pm

Clarendon

Chair: Mike Ananny, University of Southern California

Participants:


The Transfer of Tacit Knowledge: A Case Study from Changzhou Science Park in China. Wang Zengpeng, Tsinghua University; Wei Hong, Tsinghua University
Science Popularization and Coordinated Development of East-Central-West Regions. Qiufang Gao, Tsinghua University; Guo-ping Zeng, Tsinghua University

Infrastructures of Time, the Networked Press, and a Public Right to Hear. Mike Ananny, University of Southern California

209. In Search of "lines of flights" in / to / for / by Latin America and Elsewhere: II

10:30 to 12:00 pm

Crescent

Chair: Ivan da Costa Marques, Universidade Federal do Rio de Janeiro

Participants:

Developing Economics: Inflating Currencies and Deflating Theory in Argentina. Nicholas D'Avella, University of California, Berkeley

Internationalization of Research Networks on Energy Sources. Daniela Alves, Universidade Federal De Vicosa

Turning Digital in Colombia: A Challenging and Uncertain Project. Juan Manuel Gonzalez, Universidad de los Andes

Curative Practices in Malinalco, Mexico: Plants, Ailments and Traditional Remedies. Laura Morales-Navarro, UAEM; Antonio Arellano, UAEM

210. Transforming Biomedicine

10:30 to 12:00 pm
Eaton
Chair: Bethany Hipple Walters, Erasmus University
Participants:
Complex Safe/Unsafe Relations in Everyday Anaesthetic Practice. Kerry Warner, University of New South Wales
Controlled Human Malaria Infection Trials—What Makes them Work? Else Margreet Bijker, Radboud University Nijmegen Medical Centre; Robert W Sauerwein, Radboud University Nijmegen Medical Centre; Wiebe E. Bijker, Maastricht University
Dormant or Dilapidated? Trust in Public Health Biobanks. Jody Platt, University of Michigan; Daniel Thiel, University of Michigan; Tevah Platt, University of Michigan; Sharon Kardia, University of Michigan
Biopower and the People: Observing Biopower and Discipline in the Shifting of Responsibilities in Disease Management Programs. Bethany Hipple Walters, Erasmus University

211. Author Meets Critics: Tim Choy, Ecologies of Comparison: An Ethnography of Endangerment in Hong Kong
10:30 to 12:00 pm
Garden Salon One
Chair: Stephen Zehr, University of Southern Indiana
Panelists:
Barbara Bodenhorn, University of Cambridge
Michelle Murphy, University of Toronto
Kaushik Sunder Rajan, University of Chicago
Kim Fortun, RPI

212. The Spatial Turn in STS: II
10:30 to 12:00 pm
Garden Salon Two
Chair: Lisa Messeri, University of Pennsylvania
Participants:
Beyond Medical Hegemony? Space, Place, Interprofessionalism and the Functions of Rounds. Elise Paradis, University of Toronto; Myles Leslie, Johns Hopkins University; Scott Reeves, UCSF; Simon Kitto, University of Toronto
From Telephonoscope to Cyberspace to Computable Space. Yuri V Takhteyev, University of Toronto; Quinn DuPont, University of Toronto
Grindr, Geosocial cruising, and Gay Bars. Roderic Crooks, UCLA-Information Studies
Territoriality and the DigiLab — How the Spatial Turn Comes to Matter. Amanda Nita Windle, University of the Arts, London
Mobile Phone Use in Brazilian Prisons. Bruna Louzada Bumachar, State University of Campinas; Diego Vicentin, University of Campinas; Marta Mourão Kanashiro, University of Campinas (Unicamp)

213. Structuring Infrastructures: Perspectives on Sociomaterial Orders: II Recycling and Renormalization
10:30 to 12:00 pm
Hampton
SATURDAY

Chairs:

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

Participants:

Making Outbreaks Visible: The Infrastructure of Foodborne Disease Surveillance. Angie Boyce, Cornell University

Infrastructures of Carbon Dioxide. Gökçe Günel, Rice University

Securing Sewage: The Promise of Planned Potable Water Reuse. Kerri Jean Ormerod, School of Geography and Development, University of Arizona

214. Ethnography of S&T: II

10:30 to 12:00 pm
Floor 2 - Pacific Salon Five

Chair: Lindsay Parker, Simon Fraser University

Participants:

Screening Money More Responsibly? ATMs, Self-Checkouts and Bitcoin. Felipe Raglianti, Lancaster University

The Art of Routefinding: The Exploring Subject in a Material World. Emily Brooks, University of California, Irvine

"Situated Identities": Life Scientist’s Identity Work in Changing Academic Landscapes. Sarah Maria Schönbauer, University of Vienna

“Always Indigenize!” and Generalized Symmetry: STS and Indigenous Knowledge Systems in Canadian Universities. Lindsay Parker, Simon Fraser University
215. Knowledge Creation
10:30 to 12:00 pm
Floor 2 - Pacific Salon Four
Chair: Maureen McNeil, Lancaster University

Participants:
Bodily Hybridity and the Scientific Enactment of Knowledge. Kevin Pijpers, University of Leicester School of Management

History and Sociology: Disciplinary Structures in a Historical Comparative Perspective. Lasse Johansson, University of Copenhagen

Knowledge Production in Communication Studies. Steven A Gibson, California State University, Northridge; Dinah Nucum, California State University, Northridge

Imaginaries in STS. Maureen McNeil, Lancaster University; Joan Haran, Cesagen, Cardiff University; Adrian Mackenzie, Lancaster University; Richard Tutton, Lancaster University; Larry Reynolds, Lancaster University; Michael Arribas-Ayllon, Cardiff University

Why I am a Logical Positivist and a Social Constructionist. Clarence Townsend, Practitioner, Independent scholar

216. Devices for Taking the Environment into Account(ing): The Trouble with Social Methods
10:30 to 12:00 pm
Pacific Salon One
Chair: Jen Fuller, Arizona State University
Participants:

Managing Social Uncertainty: Ecogenomics and Certification. *Robin Ann Downey, Simon Fraser University; Vern Bachor, Simon Fraser University; Stelvia Matos, Simon Fraser University; Jeremy Hall, Simon Fraser University*

Imag(in)ing Nature in National Geographic – Conceptions of Nature in Visualisations of Climate Change. *Dorothea Born, University of Vienna*

Renewable Energy in Motion. *Jen Fuller, Arizona State University*

217. **Spatial: II**

10:30 to 12:00 pm

Floor 2 - Pacific Salon Seven

Chair: **Darren M. Stevenson**, University of Michigan

Participants:

Design Conflicts: Visualizing Collective Agency in BIM Coordination. *Daniel Cardoso, Massachusetts Institute of Technology*

Exploring the Meanings of Research to Public Health NGOs: Open Access & Interpreting the “Advancement of Science”. *Cheryl Holzmeyer, Stanford University*

Examining Data-Intensive Science: Data Sources as Coordinative Artifacts. *Drew Paine, University of Washington; Charlotte P. Lee, University of Washington*

The Geographical Construction of (Mis)Information. *Darren M. Stevenson, University of Michigan*
218. Funding & Research Activities

10:30 to 12:00 pm
Floor 2 - Pacific Salon Six

Chair: Annalisa Salonius, University of Pennsylvania

Participants:

Perspectives on Japan's Rapidly Changing Funding System. Yasushi Sato, Japan Science and Technology Agency; Tateo Arimoto, Japan Science and Technology Agency

Navigating Conflict of Interest in Entrepreneurial Laboratories: A Canadian Study. Renata Axler, University of Toronto; Fiona A. Miller, University of Toronto; Pascale Lehoux, Université de Montreal; Trudo Lemmens, University of Toronto

Norms and Opportunities for Internationalization in Two Doctoral Programs. Alejandro Canales, Research Institute of the University and education UNAM55; Mery Hamui, Universidad Autónoma Metropolitana-A

How Competition for Federal Grants has Transformed the Conduct of Academic Research in the Biomedical Sciences since the 1970s. Annalisa Salonius, University of Pennsylvania

International Collaboration: Challenges Faced by U.S. Returned Indian Faculty. Meghna Sabharwal, The University of Texas at Dallas; Roli Varma, University of New Mexico
219. Politics of Sustainable Energy Transitions II: Comparative Perspectives
10:30 to 12:00 pm
Pacific Salon Three
Chair: David John Hess, Vanderbilt University
Participants:
Cross-National Patterns on Renewable Energy Transition: Policy Implications. Bei Gao, University College Dublin; Davy van Doren, Fraunhofer ISI; Renata Dombrovski, University of Ljubljana
Rapid Sustainable Energy Transition - Chinese Style. Julia Kirch Kirkegaard, Copenhagen Business School; Louise Lyngfeldt Gorm Hansen, Copenhagen Business School
Sustainable Energy, Water, and Climate Adaptation in Bangladesh. Jonathan Gilligan, Vanderbilt University

220. Tension and Negotitation in the Practice of Engineering
10:30 to 12:00 pm
Pacific Salon Two
Chair: Ron Dempsey, Southern Polytechnic State University
Participants:
The Domestication of Oil and the Consequences for Current Engineering Work. Vidar Hepsoe, NTNU; Paul Carlile, Boston University
What’s at Stake? Mining and its Stakeholders in Western Australia. Caroline baillie, UWA; Rita
Making Sense of Climate Engineering.  
Victoria Wibeck, Linköping University; Anders Hansson, Linköping University

Discussant:
Ron Dempsey, Southern Polytechnic State University

221. Not Just Participation, Influence: Rethinking the Power Relations between Academic and Extramural Science
10:30 to 12:00 pm
Sheffield

Chairs:
Rebecca Lave, Indiana University
Gwen Ottinger, University of Washington-Bothell

Participants:
Volunteer Water Monitoring and Regulation of the Natural Gas Industry.  Abby Kinchy, Rensselaer Polytechnic Institute; Kirk Jalbert, Rensselaer Polytechnic Institute

Civic Technoscience and Shifting Scales of Influence:  Public Laboratory for Open Technology and Science.  Sara Wylie, Northeastern University

Shadow Mobilization: The Organization of Expert Activism.  Scott Frickel, Washington State University

Categorically Social: Expert Authority and the Re-interpretation of Citizen Participation in Science.  Gwen Ottinger, University of Washington-Bothell
SATURDAY

Negotiating Authority: Academic vs. Commercial Science in Stream Mitigation Banking. Rebecca Lave, Indiana University

222. Knowledge, Resistance and Environment
10:30 to 12:00 pm
Terrace Salon Three
Chair: Juha Koivisto, National Institute for Health and Welfare
Participants:
  Emotions and Household Waste Recycling in Israel. Talia Fried, Bar Ilan University
  Technological Development Stage of Waste Picker’s Cooperatives in Brazil. Rafaela Francisconí Gutierrez, UNICAMP; Maria Zanin, UFSCar; Leda Maria Caira Gitahy, UNICAMP
  Transition Governance as Societal Re-Configuration and Staging of Design Junctions. Ulrik Jørgensen, Aalborg University; Jens Stissing Jensen, Aalborg University Cph

223. STS Perspectives on Parenting: I
10:30 to 12:00 pm
Windsor East
Chair: Susan E. Kelly, University of Exeter
Participants:

Doing Sociology of the Family with Feminist Materialism. *Cornelia Schadler, Department of Sociology, University of Vienna*

Contesting Cesarean: The Rhetorical Ecology of Surgical Childbirth. *Chikako Takeshita, University of California, Riverside*

Supervising mothers: Constructing the Good Mother through Unintentional Injury Prevention. *Juliet McMullin, University of California, Riverside*

Distributing Health Responsibilities - Enacting HPV Vaccination in Practice. *Lisa Maria Lindén, Department of Thematic Studies - Technology and Social Change, Linköping University*

Being and Becoming (Short) Children: A Case Study of Human Growth Hormone Treatment for Childhood Short Stature’. *Susan E. Kelly, University of Exeter; Michael Morrison, Oxford University*

224. Infrastructures at Work in STS: Reworking Naturalizations, Neutralities and Invisibilities

*10:30 to 12:00 pm*  
*Windsor West*  
Chair: *Katherine Weatherford Darling*, UC San Francisco

Participants:

Chronic Crisis: Infrastructure and Violence in U.S. HIV Policy. *Katherine Weatherford Darling, UC San Francisco*
Violent Brains? Infrastructure and Endurance in the Neurobiology of Violence. *Oliver Rollins, University of California, San Francisco*

“The Neutral Diagnosis”: Trans Health and Diagnostic Revision Practices. *Christoph Hansmann, UCSF*

Facebook’s Infrastructure: The Assemblage and Administration of Predictably Profitable Subjects. *Sonia Rab-Alam, University of California, San Francisco*

"Mutual Connexions": Technology, Infrastructure, and the Scope of Social Justice. *Anthony Hoffmann, University of Wisconsin-Milwaukee*

**225. Social Studies of Science Editorial Board Meeting**
12:00 to 2:00 pm  
*Galleria One*  
Chair: **Sergio Sismondo**, Queen's University

**226. Doing Situational Maps for STS Project Design & Analysis**
12:00 to 2:00 pm  
*Golden Ballroom Two*  
Chair: **Adele E. Clarke**, University of California, San Francisco

**227. Understanding Genetics**
2:00 to 3:30 pm  
*Ascot*  
Chair: **Azumi Tsuge**, Meiji Gakuin University
Participants:

Discourses of Epigenetic Proportions: Understanding a Field on the Rise from the Inside Out. *Kasia Eve Tolwinski, Cornell University*

Genes, Gender and Genre: Genomic Science in Fiction. *Joan Haran, Cesagen, Cardiff University*

It's Not Not Cancer: Toward a Theory of the Theatricality of Previval. *Coleman Nye, Brown University*

Concept of Non-invasive: The Contradiction Among Women, Companies and Doctors. *Azumi Tsuge, Meiji Gakuin University*

228. **STS and Social Inequality: The Role of Gender, Race, and Class in Career**

2:00 to 3:30 pm

**Brittany**

Chair: *Christine Virginia Wood*, Northwestern University

Participants:

Gender and the Making of Excellence in STEM Careers. *Andrea Wolffram, RWTH Aachen University*

Identity and the "View from Nowhere:" Tensions in Diversity Programs. *Kellie Owens, Northwestern University*

The Cumulative Effects of Science Norms on Gender Inequalities in Academic Careers. *Anne-Sophie Godfroy, Science Norms Decision (university Paris Sorbonne & CNRS)*

229. Science and Technology Policy and Security
2:00 to 3:30 pm
Clarendon
Chair: Walter Peissl, Austrian Academy of Sciences
Participants:
Standpoints of Science Communication. Xue Xia, Peking University
Technical Difficulties Associated with the Creation of the First Synthetic Bacterial Cell. Shannon Fye, George Mason University
Conceptual Analysis of “Religious Motivation” in Late Twentieth Century Terrorism Scholarship: A Case Study of the “New Terrorism” Argument. Ken Kawamura, The University of Tokyo

2:00 to 3:30 pm
Crescent
Chair: Julia Silvia Guivant, Universidade Federal de Santa Catarina
Participants:
Allocation of Research Funding in Mexican Universities: A New Area for STS. Melissa Orozco, Universidad Autonoma de Queretaro; Carolina Uribe, UAQ; Ruben Martinez, Psychology

Applying STS in Industrial Settings: Examples, Challenges and Dilemmas. Rodrigo Ribeiro, Federal University of Minas Gerais - Brazil

Latin American Science and Technology Policy in the Post Neoliberal Age and the Research Community. Renato Dagnino, UNICAMP

Women in Politics: A Study of Political Appointment in Brazil. Joana Macedo, Catholic University of Rio de Janeiro

The Governance of GMOs in Brazil: Between Academic and Mandated Science. Julia Silvia Guivant, Universidade Federal de Santa Catarina

**231. Decoding Race, Class and Gender in Spaces of High-Tech**
2:00 to 3:30 pm
Eaton

Chair: Sara Giordano, San Diego State University

Participants:
Revolution and Democracy in Synthetic Biology. Sara Giordano, San Diego State University

Beyond the Male and Female Binary: A Fuzzy-Logic Model of Sex Variability. Veronica Sanz, University of California-Berkeley
On the Quantification of Mediated Sex and Romance: Vernacular Understandings of Social Calculations and Algorithms. *Bryce Renninger, Rutgers University*

Circulation, Reception and Adaption of Theories in Peripheral Spaces: Mapping Multiculturalism in the Fields of Social and Human Sciences in Latin America. *Sabina García Peter, Freie Universität Berlin*

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**232. Techno-Medicine: Exploring Structural Constraints and Agentive Possibilities, Panel**

Organized on behalf of the STM Special Interest Group

*2:00 to 3:30 pm*  
*Garden Salon One*

**Chairs:**

*Lara Braff*, University of California San Diego  
*Lydia Zacher*, University of California, Irvine

**Participants:**

Gazing into Hybrid Bodies. Surveillance Practices of Pacemakers and ICDs. *Nelly Oudshoorn, University Twente*

Unchaining the Health Record: Toward Patient-Centered Care. *Brittany Anne Chozinski, Northeast Lakeview College; Joseph Chozinski, Brooke Army Medical Center; Clark Campbell, Veterans Affairs*

Trust-in-Standards: Making Clinical Exome Sequencing Work. *Stefan Timmermans, University of California, Los Angeles*
233. The Spatial Turn in STS: III
2:00 to 3:30 pm
Garden Salon Two
Chair: Lisa Messeri, University of Pennsylvania

Participants:

Turning Space into Place: A Case Study in Exoplanet Astronomy. Lisa Messeri, University of Pennsylvania

Bypassing Bureaucracy - How Two ENGOs Kick-Started the Largest REDD+ Contribution Worldwide. Erlend Hermansen, CICERO - Center for International Climate and Environmental Research - Oslo

Live Materials: Towards a Media Theory of Synthetic Biology. Kate Maddalena, North Carolina State University

Discussant:
Tom Gieryn, Indiana University

234. Film III
2:00 to 3:30 pm
Golden Ballroom One
Chair: Patricia G. Lange, California College of the Arts

Participant:

Hey Watch This: Sharing the Self Through Media.
Patricia G. Lange, California College of the Arts

235. Structuring Infrastructures: Perspectives on Sociomaterial Orders: III Building Sociomaterial Orders
2:00 to 3:30 pm
Hampton
Chairs:

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

Participants:

The Internet’s Domain Name System as Global Power Struggle. *Laura DeNardis, American University*

“Platformizing” Higher Education: MOOCs and the Changing Labors of Educators. *Shreeharsh Kelkar, MIT*

Provisional Infrastructures in Southern California’s Aerospace Economy. *Mihir Pandya, USC*

Digital Nation-Building: Development of an Online Identity System in South Korea. *Dongoh Park, Indiana University, Bloomington*

Play Another Game? A Sociotechnical Approach of WoW Private Servers. *Vinciane Zabban, LATTS - Paris Est University*

**236. STS: Challenges**

2:00 to 3:30 pm

Floor 2 - Pacific Salon Five

Chair: **Kerk F Kee**, Chapman University

Participants:

Beyond Case Studies: STS as the Critical Theory of Advanced Capitalism. *Charles Thorpe, University of California, San Diego*

Cold War’s Technocratic “Totalitarianism” and J. Gofman’s Scientific Soul. *Ioanna Semendeferi, University of Houston*
Drone Flights and Failures: America's Cold War and Post-Cold War Unmanned Aircraft Systems.  
*Katherine Chandler, University of California, Berkeley*

The Communicative Constitution of Virtual Organizations in Cyberinfrastructure. *Kerk F Kee, Chapman University*

### 237. The Big Data

2:00 to 3:30 pm  
*Floor 2 - Pacific Salon Four*

Chair: *Jacob Gates Foster*, University of Chicago/University of California, Los Angeles

Participants:

  *Brian Beaton, University of Pittsburgh*

- Deletion and the Social Navigation of Information. *Eric Kula, independent*

- Reading Science Databases for Ontological States and Norms. *Nathan R. Johnson, Purdue University*

- Google Data Centers: Reshaping the Landscape of the Networked Information Economy. *ShinJoung Yeo, University of Illinois Urbana-Champaign*

- “The Numbers Speak”: Big Data, Utopia, and Reflexivity. *Jacob Gates Foster, University of Chicago/University of California, Los Angeles*

### 238. Social Studies of Social Science: Global View

2:00 to 3:30 pm  
*Pacific Salon One*

Chair: *Guynamant Beatrice*, ISC Paris
Participants:

From "Innovation System" to "Innovation Ecosystem" ——Comparison of the United States and Japan.  
>YouZhao Gou, Tsinghua University in China

From Reflective Subject to Inter-Subject: The Change of Human Subject in Technological Age. Qingfeng Yang, Shanghai University; Hongxiu Yan, Shanghai Jiao Tong University

How to Produce High Quality Survey Data? The Historical Case of the European Values Study. Kristoffer Kropp, University of Copenhagen

STS and Social Studies in Finance: Restoring Trust in Financial Markets. Guynamant Beatrice, ISC Paris

239. Spatial: III
2:00 to 3:30 pm
Floor 2 - Pacific Salon Seven

Chair: Romain Badouard, Center for the Sociology of Innovation

Participants:

Nanotechnology and the Community? Kevin Edson Jones, University of Alberta; Michael Granzow, University of Alberta

STS and the Reconstruction of Everyday Life: (Re)Building Local Community. Taylor Dotson, Rensselaer Polytechnic Institute

Experiment as a Market Device: Building and Governing User Communities for Electric Cars. *Romain Badouard, Center for the Sociology of Innovation; Martin Tironi, Center for the Sociology of Innovation*

**240. Contemporary Constructions of Expertise**

*2:00 to 3:30 pm*

*Floor 2 - Pacific Salon Six*

Chair: *Sofia Liberman*, Universidad Nacional Autonoma de Mexico

Participants:

- Beyond the New Normative Science: Expertise and the Making of Post-Abortion Syndrome. *April Huff, University of California, San Diego*
- Meaning and Use of the Concept of ‘Expertise’. *Sofia Liberman, Universidad Nacional Autonoma de Mexico*

**241. Politics of Sustainable Energy Transitions III: U.S. Cases**

*2:00 to 3:30 pm*

*Pacific Salon Three*

Chair: *David John Hess*, Vanderbilt University
Participants:


Planning and the Politics of Energy Transitions: A Historical Analysis of the Pacific Northwest. Anthony Levenda, Portland State University


Realising Hydrogen Energy? The Vision and Policy of Governor Schwarzenegger. Marloes Dignum, Delft University of Technology


242. Smart Grids, Publics, and Expertise

2:00 to 3:30 pm

Pacific Salon Two

Chair: Tomas Moe Skjølsvold, Norwegian University of Science and Technology

Participants:

The Technological Innovation Systems Approach Evaluated from an Entrepreneurial Point of View. Julia Planko, Utrecht University

Can Data Save the Planet? Using Technology Enabled-Feedback to Promote Energy Conservation. Beth Karlin, University of California, Irvine; Rebecca Ford, University of Otago, New Zealand
Futures in Policymaking: How Future Expectations Shape Transition Policies. *Tomas Moe Skjølsvold, Norwegian University of Science and Technology*

From Pilot Projects to Deployment: Exploring the Policy Discourses of Smart Grid Coordination. *Sachiko Muto, Delft University of Technology*

From Flux to Bits: Socio-Technical Analysis of Old Computing Systems. *Yuri V Takhteyev, University of Toronto; Quinn DuPont, University of Toronto*

243. *Is the Research-Medium the Message? On the Performativity of Media in Social Research*

2:00 to 3:30 pm

*Sheffield*

Chair: *Morana Alac, University of California, San Diego*

Participants:

Video in STS and the Human-Nonhuman Interface. *Morana Alac, University of California, San Diego*


Technological Transformations of Reading Culture. *Anne-Mette Albrechtslund, Aalborg University*

244. *Expertise and Advocacy*

2:00 to 3:30 pm

*Terrace Salon Three*

Chair: *Malena Ingemansson, Uppsala University*
Participants:

Screenwork as the Social Organization of Expertise.  
*Phaedra Daipha, Rutgers University*

The Role of Scientific Advisory Committees in Japan:  
Empirical Research from 1973 to 2012.  
*Sho Sekiya, The University of Tokyo; Akashi Tanaka, The University of Tokyo; Kosuke Moriwaki, The University of Tokyo; Yoshiyuki Hirono, The University of Tokyo*

Epistemic Governance in Science Policy.  
*Seppo Poutanen, University of Turku; Anne Kristiina Kovalainen, Turku School of Economics*

The Internationalization Experience of Doctoral Students and Early Career Researchers of Two Fields of Knowledge.  
*Mery Hamui, Universidad Autónoma Metropolitana-A; Alejandro Canales, Research Institute of the University and education UNAM55*

The Unavoidable Linear Thinking.  
*Malena Ingemansson, Uppsala University*

### 245. STS Perspectives on Parenting: II

*2:00 to 3:30 pm*

*Windsor East*

Chair:  
*Michelle McGowan*, Case Western Reserve University

Participants:

*Michael Orsini, University of Ottawa; Audrey L'Esperance, University of Ottawa*
Transformative and Professional Parenting in the Social World of Autism. Jennifer Singh, Georgia Institute of Technology

Post-Genomic Parenting: Exploring Mothers’ Experiences of Autism Science. Martine Lappe, University of California, Los Angeles


Expanded Carrier Testing, Prospective Parents and Genetic Accountability. Michelle McGowan, Case Western Reserve University; Jennifer Fishman, McGill University

246. Revolutionary Digital Rhetorics
2:00 to 3:30 pm
Windsor West

Chair: Beth Coleman, Waterloo/Harvard University

Participants:

Tweeting the Revolution. Beth Coleman, Waterloo/Harvard University

Metadata, Proper Names, and the Use of Twitter to Combat Violence against Women. Elizabeth Losh, University of California, San Diego

Occupy, Solidarities, and Net Work. Joan Donovan, University of California San Diego

Speaking History to Technopower. Jennifer Cool, University of Southern California

247. Coffee Break
3:30 to 4:00 pm
Golden Pacific Foyer

248. Social and Ethical Implications of Evolutionary Science
4:00 to 5:30 pm
Ascot
Chair: Chris Hables Gray, University of California at Santa Cruz
Participants:
Linus Pauling and the Temptations of Evolutionary Ethics. Chris Hables Gray, University of California at Santa Cruz; Debra Shaw, Reader in Cultural Theory/Programme Leader
Race and Genomics: Africanaicity and the Bioethics of Metonymy. James Battle, University of California, Santa Cruz
The Philosophical Implications of Evolution on Education. Sarah Cashmore, University of Toronto
Virtually Ideal: Toward a Tracing of the Desire for Facial Symmetry in the Neoliberal Era. Kyle Orion Harp, University of California, Riverside

249. Engaging in Science, Technology and Environment
4:00 to 5:30 pm
Brittany
Chair: Declan Fahy, American University
Participants:

The Language of Risk: Exploring Communication in Engineering Environments. *Kari Zacharias, University of Vienna*

The Harry Potter Alliance: Sociotechnical Contexts of Digitally Mediated Social Activism. *Jennifer Terrell, Indiana University*

The Science Journalist as Science Critic: Scientific American's John Horgan as Case Study. *Declan Fahy, American University*

**250. Technology: Use, Appropriation and Control**

*4:00 to 5:30 pm Clarendon*

Chair: *Jia Chen*, Chinese Society for Science, Technology and Society

Participants:

Export Control and Governance of Technology: Ambiguous Information Technology and Its Boundaries. *Andreas Kuehn, Syracuse University*

How to Make a Satellite out of a Nuclear Reactor. *Gustavo L. Seijo, Universidad Nacional de General Sarmiento / CONICET*

New Development in Philosophy of Technology in China. *Jia Chen, Chinese Society for Science, Technology and Society*

The Adaptive Exploration-Exploitation Model of Organization Learning Process. *Jin Ding, University of Edinburgh*
“Playing, Exploring and Failing –Lots”: An Examination of the Social Shaping of Messy Learning and Creative Play in School-Based Minecraft Server. Andrew Keenan, University of Toronto; Sara M. Grimes, University of Toronto

251. The Metabolic Condition: Metabolism and Epigenetics in Contemporary Life
4:00 to 5:30 pm
Crescent
Chair: Hannah Landecker, UCLA

Participants:
Therapy from the Inside Out: Metabolic Surgery in India. Harris Solomon, Duke University
Metabolites, Metabolic Systems, and Metabonomics: The Limits of Complexity in Post-Genomic Research. Nadine Levin, Oxford University
A Natural History of Hijacking. Bharat Jayram Venkat, US Berkeley
Metabolic Times. Hannah Landecker, UCLA

252. It’s All About [Actor] Networks
4:00 to 5:30 pm
Eaton
Chair: Anne Kovalainen, University of Turku

Participants:
The Earth Reveals Itself: Uranium and Technology in Virginia. *Charles de Souza, Virginia Tech*

HCI, STS and Sociology: Theoretical Borders and New Horizons. *Liliia Zemnukhova, Russian Academy of Sciences*

Pasteurizing France and Luhmannizing Chile: ANT and Life-histories. *Leandro Rodriguez-Medina, Universidad de las Americas Puebla*

Inorganic Agency on the Move: Titanium Dioxide, Gender and Object Categories in Actor-Network Theory. *Seppo Poutanen, University of Turku; Anne Kovalainen, University of Turku*

253. **Expertise and Climate**  
4:00 to 5:30 pm  
*Fairfield*

Chair: *Amy Fletcher*, The University of Canterbury

Participants:

Calculating Climate Engineering. *Anders Hansson, Linköping University*

The Labor Politics of Big Science: Infrastructure and Organizational Change in Ocean Science and Ecology Today. *Stephanie Beth Steinhardt, Cornell University; Steven Jackson, University of Michigan*

Woolly Mammoths and Paleofutures. *Amy Fletcher, The University of Canterbury*

Public Think Tanks and Scientific Controversy. *Jason A Delborne, North Carolina State University*
254. Social Heterogeneity and Moral Economies in Field Sciences
4:00 to 5:30 pm
Garden Salon One

Chairs:

David Dumoulin Kervran, Sorbonne Nouvelle - Paris 3 University
Elsa Faugere, INRA

Participants:

The Moral and Affective Economies of Taxonomy and Ethnology. Elsa Faugere, INRA
Comparing Extended Networks of Two Big Biodiversity Collection. David Dumoulin Kervran, Sorbonne Nouvelle - Paris 3 University

255. STS: What Are We Missing?
4:00 to 5:30 pm
Garden Salon Two

Chair: Helene Mialet, UC Berkeley

Participants:

Indefiniteness as Emancipation? On the Ontological Critique of Technoscience Governance. Luigi Pellizzoni, University of Trieste, Italy
On some Unconscious Aspects in the Study of Knowledge.  *Mario Wimmer, UC Berkeley*

STS: How Do We Think the Unthinkable? *Helene Mialet, UC Berkeley*

256. **Workshop on Experiments Monitoring the Everyday: Art, Design, and DIY Methods for Environmental Health Research**

*4:00 to 5:30 pm*

*Golden Ballroom Two*

Chair: *Max Liboiron*, New York University

Participant:

- Personal and Networked Devices for Air Quality Sensing.  *David Holstius, UC Berkeley*
- Open Source Spectrometry for Identifying Environmental Contaminants.  *Sara Wylie, Northeastern University*
- Bodies as Detection Devices.  *Max Liboiron, New York University*

257. **Science & Democracy: Making Knowledge and Making Power in the Biosciences and Beyond**

*4:00 to 5:30 pm*

*Hampton*

Chairs:

*Stephen Hilgartner*, Cornell University

*Rob Hagendijk*, Universiteit van Amsterdam
Participants:


Virtual Health Information and the Making of Citizen-Patients. *Ulrike Felt, University of Vienna*

Morality, Economics, and the Politics of Stem Cell Patents in the United States and Europe. *Shobita Parthasarathy, University of Michigan*

Sense and Sensibility: Science, Democracy & Global Change. *Rob Hagendijk, Universiteit van Amsterdam*

258. Social Justice, Sustainable Energy and Life Cycle Assessment

4:00 to 5:30 pm
Floor 2 - Pacific Salon Five

Chairs:

*Nicholas Sakellariou*, University of California at Berkeley

*Dustin Mulvaney*, San Jose State University

Participants:

Co-Designing Sustainable Communities Using Indigenous Knowledge: Pinoleville Pomo Nation Partnership. *Ryan Shelby, UC Berkeley*
Can Renewable Energy Sustainability Appraisals Include Matters of Social Justice? *Tina Wegg, University of East Anglia*

What's in a Number? Life Cycle Analysis and the Formation of Environmental Inequality. *Dustin Mulvaney, San Jose State University*

259. **The Digital: Data, Devices and Performance**
4:00 to 5:30 pm
Floor 2 - Pacific Salon Four
Chair: **Neil Stephens**, Cardiff University

Participants:
- Social Media and the Co-construction of Health. *Ricky C Leung, University of Missouri; Li Jing, Cerner Corporation*
- The 'Smart' in Cities: Engaging the Urban User. *Jenny O'Connor, Imperial College London; Ritsuko Ozaki, Imperial College London*
- The Future of Archival Sciences: Historical Studies without Archives? *Maher Memarzadeh, Ph.D., Independent Scholar*
- Assembling Scientific Evidence to Explain Mental Illness. *Anna Starshinina, UC San Diego*
- Helping Scientists Communicate: Applying Bioinformatics to Stem Cell Science. *Neil Stephens, Cardiff University*

260. **Social Studies of Social Science: Health**
4:00 to 5:30 pm
Pacific Salon One
Chair: **Mariana Craciun**, University of Michigan, Ann
Arbor

Participants:

Judgmental Dopes? The DSM in Mental Health Research and Practice. *Michael Halpin, University of Wisconsin - Madison*

Making Sense of Craving: Addiction Theories in the US during the 1930s. *Jia-shin Chen, National Yang Ming University*

Science on Trial: The Omnibus Autism Proceedings and the Co-Production of Uncertainty. *Claire Decoteau, University of Illinois at Chicago; Kelly Underman, University of Illinois at Chicago*

Temporal Practices in Psychotherapy: A Comparison of “Evidence-Based” and Psychoanalytic Approaches. *Mariana Craciun, University of Michigan, Ann Arbor*

261. Accountability and Ethics

4:00 to 5:30 pm

*Floor 2 - Pacific Salon Seven*

Chair: *Adam Michael Hedgecoe*, Cesagen, Cardiff University

Participants:

Appellation as the Predetermined Ideas for the Construction of Robot Ethics and Posthuman Ethics. *Haiqing Ji, Shanghai Academy of Social Sciences*

Barneyland: The Ethics of Violence in a Virtual World Community. *Park Doing, Cornell*

Knowledge Production in the Neoliberal Science Regime: Scientists’ Understanding of the
Contemporary Culture of Science. *Ashok Kumbamu, Mayo Clinic; Jennifer B McCormick, Mayo Clinic*

Beyond the Biological Bounds of Age: Bio-Identical Hormones and the Discursive Construction of the Ageless Subject. *Kirsten Ellison, University of Calgary*

Trusting Science? The Role of Scientific Quality in Research Ethics Review. *Adam Michael Hedgecoe, Cesagen, Cardiff University*

**262. Data Management and STS**

*4:00 to 5:30 pm
Floor 2 - Pacific Salon Six*

Chair: *Chadwick Wang*, Tsinghua University

Participants:

An Invitation to Computational STS. *Michael S. Evans, Dartmouth College*

Analyzing Responsive Digital Material. *Heather Wiltse, Indiana University*

Print Media Coverage of Low Energy Dwellings in Norway. *Liana Mueller, NTNU; Thomas Berker, Norwegian University of Science and Technology*

Culture Codes for Innovative Countries: A Fuzzy-Set Qualitative Comparative Analysis. *Chadwick Wang, Tsinghua University*

**263. Post Carbon Publics: Engagement with Sustainable Energy**

*4:00 to 5:30 pm
Pacific Salon Three*
Chairs:

Knut H. Sørensen, Norwegian University of Science and Technology

Sara Heidenreich, Norwegian University of Science and Technology, Trondheim

Henrik Karlstrøm, Norwegian University of Science and Technology

Participants:

Fearing Resistance – Expecting Support? Experts Imagining Lay People’s Concerns in the Case of Carbon Capture, Transport and Storage in Norway. Alexandra Klimek, NTNU/ CenSES; Robert Næss, Norwegian University of Science and Technology

Imagining Knowledge Deficits without Filling the Gaps? How Offshore Wind Scientists Conceptualize the Science-Public Relation. Sara Heidenreich, Norwegian University of Science and Technology, Trondheim

Energy Efficiency – Why Should I Care? Henrik Karlstrøm, Norwegian University of Science and Technology

Welcome to My Front Yard! Public Attitudes Towards and Engagement with Renewable Energy. Sara Heidenreich, Norwegian University of Science and Technology, Trondheim; Henrik Karlstrøm, Norwegian University of Science and Technology; Alexandra Klimek, NTNU/ CenSES; Robert Næss, Norwegian University of Science and Technology; Marianne Ryghaug, Norwegian University of Science and Technology; Knut H. Sørensen, Norwegian
264. Technosciences of Extinction and De-extinction: Life, Death, Rebirth, and Care in the Anthropocene
4:00 to 5:30 pm
Sheffield
Chair: Jacob Metcalf, University of California, Santa Cruz
Participants:
Dandelion Dreams: Biomimicry and Economies of Affect. Tracey Heatherington, University of Wisconsin-Milwaukee
Creating Bubbles with Chytrid Fungi. Eben Kirksey, NSF Postdoctoral Fellow
Avian Reworldings: Agency, Nature, and Biotechnologies of De-Extinction. Jacob Metcalf, University of California, Santa Cruz
Felidae and Extinction(s): Victims, Killers, and Entanglements. Jeffrey Bussolini, City University of New York
Discussant: Geoffrey Bowker, University of California - Irvine

265. Emerging STS Approaches in Studying ICTs
4:00 to 5:30 pm
Terrace Salon Three

Chair: Melissa K Chalmers, University of Michigan

Participants:

A Brief History of the Text Message as a Format. Amelia Acker, University of California, Los Angeles

Emerging Hackerspaces in China. Siyan Xu, Tsinghua University

Materiality in Large-Scale Book Digitization:
Illustrations, Algorithms, and Automation. Melissa K Chalmers, University of Michigan

Innovation in China: How WeChat Transcends the Copy-to-China Model of Chinese Internet Products. Lu Rui, Peking University

266. Queer Feminist Science Studies
4:00 to 5:30 pm
Windsor East

Chair: Kristina Gupta, Emory University

Participants:

Community Protection: Controlling [Dangerous] Sexuality. Cyd Cipolla, Emory University

Queering/Crippping Hypoactive Sexual Desire Disorder. Kristina Gupta, Emory University

Queer Feminist Science Studies: Rethinking Embodiment at the Nexus of Biomedicine and Activism. David A. Rubin, Vanderbilt University

Beyond Non/Monogamy: Lessons from Audre Lorde’s Biology of the Erotic. Angela Willey, Carleton College
Discussant: 

Jennifer A. Hamilton, Hampshire College

267. State Multiplicity

4:00 to 5:30 pm

Windsor West

Chair: Lawrence Busch, Michigan State University

Participants:

404 Not Found: The Internet as a Transparent Society.  
Christopher Leslie, Polytechnic Institute of New York University

Marketization by the (rule)book. Linus Johansson Krafve, Linkoping University

Neoliberalism and Higher Education: An STS perspective. Lawrence Busch, Michigan State University
PARTICIPANT INDEX

Aarden, Erik, 152
Abdullah, Saeed, 008
Abe, Yasuhito, 023
Abma-Schouten, Rebecca, 046
Abrell, Elan, 107
Acker, Amelia, 265
Adrian, Stine Willum, 114
Agapakis, Christina, 019
Aguilar, Susan Marie, 202
Ahn, Sungwoo, 036
Akers, Katherine, 056
Aknyurtlu, Bahar, 024
Alac, Morana, 031, 243
Alaimo, Stacy, 156
Albarracin, Dalma, 020
Albert, Mathieu, 065, 180
Albornoz, Maria Belen, 029
Albrechtslund, Anders, 111, 133
Albrechtslund, Anne-Mette, 243
Alghrani, Amel, 141
Allen, Jamie, 116
Almeida, Bruno de Mattos, 099
Altamirano, Carlo Andres, 043
Alves, Daniela, 209
Ames, Morgan, 121

Amir, Sulfikar, 193
Amiraly, Akil, 033
Amorim, Tade-Ane, 009
Ananny, Mike, 208
Aneesh, Aneesh, 178
Antonijevic, Smiljana, 203
Aoyagi, Midori, 044
Araújo, Daniela Camila de, 029
Arellano, Antonio, 209
Arimoto, Tateo, 218
Armstrong, Melanie, 179
Armstrong, Rita, 220
Arond, Elisa, 161
Arribas-Ayllon, Michael, 215
Asdal, Kristin, 136
Ashmore, Malcolm, 127
Averill, Marilyn, 042, 107
Avery, Marguerite, 080
Axler, Renata, 218
Aydinoglu, Arsev Umur, 163
Aytes, Ayhan, 201.

Âm, Heidrun, 263
Bachor, Vern, 216
Badouard, Romain, 239
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>baillie, Caroline</td>
<td>220</td>
</tr>
<tr>
<td>Baim-Lance, Abigail</td>
<td>055</td>
</tr>
<tr>
<td>Bak, Hee Je Je</td>
<td>007</td>
</tr>
<tr>
<td>Bal, Roland</td>
<td>092</td>
</tr>
<tr>
<td>Ban, Nobuhiko</td>
<td>068</td>
</tr>
<tr>
<td>Banik, Marc</td>
<td>045</td>
</tr>
<tr>
<td>Banks, David A</td>
<td>017</td>
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<tr>
<td>Bantwal Rao, Mithun</td>
<td>041</td>
</tr>
<tr>
<td>Barandiaran, Javiera</td>
<td>121</td>
</tr>
<tr>
<td>Barba, Evan</td>
<td>026</td>
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<tr>
<td>Bargheer, Stefan</td>
<td>098</td>
</tr>
<tr>
<td>Barlow-Stewart, Kristine</td>
<td>129</td>
</tr>
<tr>
<td>Barocas, Solon</td>
<td>035</td>
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<tr>
<td>Barvosa, Edwina</td>
<td>131</td>
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<tr>
<td>Bats, Jan</td>
<td>142</td>
</tr>
<tr>
<td>Battle, James</td>
<td>248</td>
</tr>
<tr>
<td>Bauchspies, Wenda</td>
<td>138, 161</td>
</tr>
<tr>
<td>Baur, Patrick</td>
<td>103, 125</td>
</tr>
<tr>
<td>Beaton, Brian</td>
<td>237</td>
</tr>
<tr>
<td>Beatrice, Guynamant</td>
<td>238</td>
</tr>
<tr>
<td>Beauvisage, Thomas</td>
<td>061</td>
</tr>
<tr>
<td>Bell, Bob</td>
<td>185</td>
</tr>
<tr>
<td>Belsky, Drew Danielle</td>
<td>165</td>
</tr>
<tr>
<td>Benezra, Amber</td>
<td>087</td>
</tr>
<tr>
<td>Benjamin, Ruha`</td>
<td>138</td>
</tr>
<tr>
<td>Berardy, Andrew</td>
<td>066</td>
</tr>
<tr>
<td>Berg Olsen Friis, Jan Kyrre</td>
<td>164</td>
</tr>
<tr>
<td>Bergwik, Staffan</td>
<td>105</td>
</tr>
<tr>
<td>Berker, Thomas</td>
<td>262</td>
</tr>
<tr>
<td>Berman, Elizabeth Popp</td>
<td>098, 120, 153</td>
</tr>
<tr>
<td>Besmer, Kirk</td>
<td>142</td>
</tr>
<tr>
<td>Beumer, Koen</td>
<td>131</td>
</tr>
<tr>
<td>Beuscart, Jean-Samuel</td>
<td>061</td>
</tr>
<tr>
<td>Bhadra, Monamie</td>
<td>018</td>
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<tr>
<td>Bhagwatwar, Akshay</td>
<td>016</td>
</tr>
<tr>
<td>Bhakthavatsalam, Sindhuja</td>
<td>119</td>
</tr>
<tr>
<td>Bhatia, Rajani</td>
<td>159</td>
</tr>
<tr>
<td>Bietz, Matthew J.</td>
<td>035</td>
</tr>
<tr>
<td>Bigras, Erik</td>
<td>015</td>
</tr>
<tr>
<td>Bijker, Else Margreet</td>
<td>210</td>
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<tr>
<td>Bijker, Wiebe E.</td>
<td>210</td>
</tr>
<tr>
<td>Bijsterveld, Karin</td>
<td>004, 060</td>
</tr>
<tr>
<td>Billings, Linda</td>
<td>106, 163</td>
</tr>
<tr>
<td>Binz-Scharf, Maria Christina</td>
<td>202</td>
</tr>
<tr>
<td>Bivens, Rena</td>
<td>076</td>
</tr>
<tr>
<td>Björklund Larsen, Lotta</td>
<td>173</td>
</tr>
<tr>
<td>Blackburn, Renee M</td>
<td>132</td>
</tr>
<tr>
<td>Blacker, Sarah E.</td>
<td>062</td>
</tr>
<tr>
<td>Blanchemanche, Sandrine</td>
<td>012</td>
</tr>
<tr>
<td>Blanchette, Jean-François</td>
<td>108</td>
</tr>
<tr>
<td>Bloomfield, Emma Frances</td>
<td>046</td>
</tr>
<tr>
<td>Blosser, Emily Gwen</td>
<td>067</td>
</tr>
<tr>
<td>Boczkowski, Pablo</td>
<td>154</td>
</tr>
<tr>
<td>Bodenhorn, Barbara</td>
<td>211</td>
</tr>
<tr>
<td>Boenig-Liptsin, Margarita</td>
<td>035</td>
</tr>
<tr>
<td>INDICES</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Bogner, Alexander, 201</td>
<td></td>
</tr>
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<td>Bohlin, Ingemar, 187</td>
<td></td>
</tr>
<tr>
<td>Borch, Casey, 167</td>
<td></td>
</tr>
<tr>
<td>Borgman, Christine L, 067</td>
<td></td>
</tr>
<tr>
<td>Born, Dorothea, 115, 216</td>
<td></td>
</tr>
<tr>
<td>Borras, Susana, 167</td>
<td></td>
</tr>
<tr>
<td>Botelho, Antonio J, 052</td>
<td></td>
</tr>
<tr>
<td>Both, Göde, 201</td>
<td></td>
</tr>
<tr>
<td>Botticello, Julie, 145</td>
<td></td>
</tr>
<tr>
<td>Bouchey, Michael, 132</td>
<td></td>
</tr>
<tr>
<td>Boullier, Henri, 103</td>
<td></td>
</tr>
<tr>
<td>Bowker, Geoffrey, 093, 264</td>
<td></td>
</tr>
<tr>
<td>Boyce, Angie, 213</td>
<td></td>
</tr>
<tr>
<td>Bozeman, Barry, 146</td>
<td></td>
</tr>
<tr>
<td>Braff, Lara, 114, 232</td>
<td></td>
</tr>
<tr>
<td>Branda, Ewan, 197</td>
<td></td>
</tr>
<tr>
<td>Brandt, Marisa, 175</td>
<td></td>
</tr>
<tr>
<td>Branquinho, Fatima Teresa Braga, 188</td>
<td></td>
</tr>
<tr>
<td>Bratton, Benjamin, 116</td>
<td></td>
</tr>
<tr>
<td>Brennen, Jonathan Scott, 252</td>
<td></td>
</tr>
<tr>
<td>Breslau, Daniel, 199</td>
<td></td>
</tr>
<tr>
<td>Brian, Jenny Dyck, 056</td>
<td></td>
</tr>
<tr>
<td>Brierley, Meaghan, 194</td>
<td></td>
</tr>
<tr>
<td>Broad, Garrett Manuel, 057</td>
<td></td>
</tr>
<tr>
<td>Brodén Gyberg, Veronica, 138</td>
<td></td>
</tr>
<tr>
<td>Brooks, Emily, 214</td>
<td></td>
</tr>
<tr>
<td>Brown, Elizabeth R., 203</td>
<td></td>
</tr>
<tr>
<td>Brown, Sandra, 073</td>
<td></td>
</tr>
<tr>
<td>Brubaker, Jed R., 093</td>
<td></td>
</tr>
<tr>
<td>Bruno, Fernanda Glória, 133</td>
<td></td>
</tr>
<tr>
<td>Bruno, Tino, 044</td>
<td></td>
</tr>
<tr>
<td>Bruyninckx, Joeri, 060, 082</td>
<td></td>
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<tr>
<td>Buch, Anders, 067</td>
<td></td>
</tr>
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<td>Buente, Wayne, 029</td>
<td></td>
</tr>
<tr>
<td>Bumachar, Bruna Louzada, 212</td>
<td></td>
</tr>
<tr>
<td>Burk, Dan, 038</td>
<td></td>
</tr>
<tr>
<td>Burton, Matt, 061</td>
<td></td>
</tr>
<tr>
<td>Busch, Lawrence, 125, 267</td>
<td></td>
</tr>
<tr>
<td>Bussolini, Jeffrey, 264</td>
<td></td>
</tr>
<tr>
<td>Cabane, Lydie, 018</td>
<td></td>
</tr>
<tr>
<td>Cabantous, Laure, 096</td>
<td></td>
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<tr>
<td>Cabasse, Charlotte Julie, 063</td>
<td></td>
</tr>
<tr>
<td>Cachola, Ellen-Rae, 013</td>
<td></td>
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<td>Cairns, Rose, 075</td>
<td></td>
</tr>
<tr>
<td>Callison, Candis, 062</td>
<td></td>
</tr>
<tr>
<td>Callén, Blanca, 064</td>
<td></td>
</tr>
<tr>
<td>Calvert, Scout, 129</td>
<td></td>
</tr>
<tr>
<td>Calvillo, Nerea, 053</td>
<td></td>
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<td>Cambrosio, Alberto, 045</td>
<td></td>
</tr>
<tr>
<td>Camelo, Ana Paula, 206</td>
<td></td>
</tr>
<tr>
<td>Campbell, Clark, 232</td>
<td></td>
</tr>
<tr>
<td>Campbell, Patricia, 032</td>
<td></td>
</tr>
<tr>
<td>Canales, Alejandro, 218, 244</td>
<td></td>
</tr>
<tr>
<td>Canavan, Barbara C, 197</td>
<td></td>
</tr>
<tr>
<td>Cano, Wendy, 188</td>
<td></td>
</tr>
</tbody>
</table>
INDICES

Cantor, Alida, 191
Cardoso, Daniel, 217
Cariceo, Oscar Esteban, 153
Carlile, Paul, 220
Carlson, Jenny, 019
Caron, Brandiff, 181
Carr, Helen, 137
Carrera, Jennifer S., 172
Carroll, Katherine, 073
Carroll, Patrick, 170
Cartwright, Lisa, 088, 148
Cashmore, Sarah, 248
Cassell, Jodi Lynn, 077
Cavicchi, Elizabeth Mary, 100
Ceasar, Rachel, 097
Cech, Erin, 089
Cesarino, Leticia, 169
Chacko, Xan Sarah, 041
Chalmers, Melissa K, 265
Chan, Anita, 121
Chandler, Katherine, 236
Charlier, Nathan, 030
Chart, Hilary, 158
Chen, Chao-Yin, 041
Chen, Jia, 250
Chen, Jia-shin, 260
Chen, Kun, 158
Chen, Kuo-Hua, 202
Chen, Ying-Yu, 198
Childerhose, Janet, 129
Chirinos Avilés, Yanet Silvana, 069
Chohlas-Wood, Alex, 059
Choi, Jinsook, 203
Choi, Vivian Y., 018, 039, 063, 192
Choy, Tim, 079
Chozinski, Brittany Anne, 232
Chozinski, Joseph, 232
Chu, Phuonguyien, 135
Cipolla, Cyd, 266
Claisse, Frederic, 153
Clancy, Colleen, 041
Clark, Joshua, 120
Clarke, Adele E., 226
Clements, Phil, 190
Cloatre, Emilie, 137
Cluck, Jonathan, 026
Cockerill, Kristan, 179
Cohen, Julie, 111
Cohn, Marisa Leavitt, 108
Cointet, Jean-Philippe, 134
Cole, Simon, 132
Coleman, Beth, 246
Coleman, Nicole, 029
Collier, James, 180
Collins, Harry, 066
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collins, Mary</td>
<td>131</td>
</tr>
<tr>
<td>Constable, Elizabeth</td>
<td>041</td>
</tr>
<tr>
<td>Cook, Brian Robert</td>
<td>104</td>
</tr>
<tr>
<td>Cool, Jennifer</td>
<td>246</td>
</tr>
<tr>
<td>coons, ginger</td>
<td>017</td>
</tr>
<tr>
<td>Copeland, Lauren</td>
<td>131</td>
</tr>
<tr>
<td>Cornuéjols, Antoine</td>
<td>012</td>
</tr>
<tr>
<td>Correlje, Aad</td>
<td>189</td>
</tr>
<tr>
<td>Costa, Maria</td>
<td>178</td>
</tr>
<tr>
<td>Costa, Maria</td>
<td>011</td>
</tr>
<tr>
<td>Cousineau, Matt</td>
<td>067</td>
</tr>
<tr>
<td>Craciun, Mariana</td>
<td>260</td>
</tr>
<tr>
<td>Cram, Shannon</td>
<td>052</td>
</tr>
<tr>
<td>Crane, Johanna</td>
<td>018, 169</td>
</tr>
<tr>
<td>Crasborn, Onno</td>
<td>060</td>
</tr>
<tr>
<td>Crawford, Mathias</td>
<td>204</td>
</tr>
<tr>
<td>Crisosto, Rafael</td>
<td>170</td>
</tr>
<tr>
<td>Croissant, Jennifer</td>
<td>144</td>
</tr>
<tr>
<td>Crooks, Roderic</td>
<td>212</td>
</tr>
<tr>
<td>Cruz-Castro, Laura</td>
<td>146</td>
</tr>
<tr>
<td>Cuevas Garcia, Carlos</td>
<td>065</td>
</tr>
<tr>
<td>Culbertson, Jacob</td>
<td>079</td>
</tr>
<tr>
<td>Cuppen, Eefje</td>
<td>189</td>
</tr>
<tr>
<td>Curnutte, Margaret</td>
<td>152</td>
</tr>
<tr>
<td>Currie, Dock</td>
<td>116</td>
</tr>
<tr>
<td>Currie, Morgan</td>
<td>093</td>
</tr>
<tr>
<td>Curry, Derek</td>
<td>102</td>
</tr>
<tr>
<td>Cuthbertson, Courtney</td>
<td>172</td>
</tr>
<tr>
<td>D’Arcangelis, Gwen</td>
<td>159</td>
</tr>
<tr>
<td>D’Avella, Nicholas</td>
<td>134, 209</td>
</tr>
<tr>
<td>Dagiral, Eric</td>
<td>086</td>
</tr>
<tr>
<td>Dagnino, Renato</td>
<td>230</td>
</tr>
<tr>
<td>Dahlberg, Britt</td>
<td>039</td>
</tr>
<tr>
<td>Daipha, Phaedra</td>
<td>244</td>
</tr>
<tr>
<td>Dalsgaard, Steffen</td>
<td>170</td>
</tr>
<tr>
<td>Danilovic, Sandra</td>
<td>008</td>
</tr>
<tr>
<td>Darch, Peter</td>
<td>041</td>
</tr>
<tr>
<td>Darling, Katherine</td>
<td></td>
</tr>
<tr>
<td>Weatherford,</td>
<td>224</td>
</tr>
<tr>
<td>Davies, Sarah R</td>
<td>050, 105</td>
</tr>
<tr>
<td>De Laet, Marianne</td>
<td>181</td>
</tr>
<tr>
<td>de Melo-Martín</td>
<td>007</td>
</tr>
<tr>
<td>de Ridder-Vignone</td>
<td></td>
</tr>
<tr>
<td>de Rijke, Sarah</td>
<td>092</td>
</tr>
<tr>
<td>de Souza, Charles</td>
<td>252</td>
</tr>
<tr>
<td>De Wolff, Kim</td>
<td>156</td>
</tr>
<tr>
<td>Decoteau, Claire</td>
<td>260</td>
</tr>
<tr>
<td>Dedieu, François</td>
<td>054</td>
</tr>
<tr>
<td>Degli Esposti, Sara</td>
<td>083, 111</td>
</tr>
<tr>
<td>Delborne, Jason A</td>
<td>253</td>
</tr>
<tr>
<td>Delgado, Ana Maria</td>
<td>064</td>
</tr>
<tr>
<td>Delvenne, Pierre</td>
<td>187</td>
</tr>
<tr>
<td>Demers-Payette</td>
<td></td>
</tr>
<tr>
<td>Dempsey, Ron</td>
<td>181, 220</td>
</tr>
<tr>
<td>Name</td>
<td>Pages</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------</td>
</tr>
<tr>
<td>DeNardis, Laura</td>
<td>235</td>
</tr>
<tr>
<td>Deomampo, Daisy</td>
<td>114</td>
</tr>
<tr>
<td>Deschenes-Philion, Xavier</td>
<td>200</td>
</tr>
<tr>
<td>Dias, Rafael</td>
<td>008</td>
</tr>
<tr>
<td>Dick, Brian</td>
<td>128</td>
</tr>
<tr>
<td>DiFede, William</td>
<td>175</td>
</tr>
<tr>
<td>Dignum, Marloes</td>
<td>189, 241</td>
</tr>
<tr>
<td>Dijstelbloem, Huub</td>
<td>150</td>
</tr>
<tr>
<td>Ding, Jin</td>
<td>250</td>
</tr>
<tr>
<td>DiSalvo, Carl</td>
<td>026, 047, 071, 204</td>
</tr>
<tr>
<td>Doganova, Liliana</td>
<td>096</td>
</tr>
<tr>
<td>Dohan, Daniel</td>
<td>160</td>
</tr>
<tr>
<td>Doing, Park</td>
<td>261</td>
</tr>
<tr>
<td>Dombrovski, Renata</td>
<td>219</td>
</tr>
<tr>
<td>Dominguez, Fernando</td>
<td>053</td>
</tr>
<tr>
<td>Doney, Jylisa</td>
<td>077</td>
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<tr>
<td>Donovan, Joan</td>
<td>246</td>
</tr>
<tr>
<td>Donovan, Kevin</td>
<td>127</td>
</tr>
<tr>
<td>Dortmans, Koen</td>
<td>025, 046</td>
</tr>
<tr>
<td>Dotson, Taylor</td>
<td>239</td>
</tr>
<tr>
<td>Douglass, Kimberly</td>
<td>089</td>
</tr>
<tr>
<td>Doppelt, Jerry</td>
<td>058</td>
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<td>Downey, Gary</td>
<td>051</td>
</tr>
<tr>
<td>Downey, Greg</td>
<td>020</td>
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<td>Downey, Robin Ann</td>
<td>216</td>
</tr>
<tr>
<td>Driscoll, Kevin</td>
<td>093</td>
</tr>
<tr>
<td>Droney, Damien</td>
<td>178</td>
</tr>
<tr>
<td>Dubbels, Brock</td>
<td>056</td>
</tr>
<tr>
<td>Ducey, Ariel</td>
<td>091</td>
</tr>
<tr>
<td>Dumit, Joseph</td>
<td>022</td>
</tr>
<tr>
<td>Dumoulin Kervran, David</td>
<td>254</td>
</tr>
<tr>
<td>DuPont, Quinn</td>
<td>212, 242</td>
</tr>
<tr>
<td>Duque, Ricardo B.</td>
<td>188</td>
</tr>
<tr>
<td>Durant, Darrin</td>
<td>115</td>
</tr>
<tr>
<td>Duroy, Antonin</td>
<td>012</td>
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<td>Dussauge, Isabelle</td>
<td>136</td>
</tr>
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<td>Ducey, Ariel</td>
<td>091</td>
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<td>022</td>
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<tr>
<td>Dumoulin Kervran, David</td>
<td>254</td>
</tr>
<tr>
<td>DuPont, Quinn</td>
<td>212, 242</td>
</tr>
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<td>Duque, Ricardo B.</td>
<td>188</td>
</tr>
<tr>
<td>Durant, Darrin</td>
<td>115</td>
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<td>Duroy, Antonin</td>
<td>012</td>
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<tr>
<td>Dussauge, Isabelle</td>
<td>136</td>
</tr>
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<td>Echenique, Andy</td>
<td>082</td>
</tr>
<tr>
<td>Edelblute, Heather B</td>
<td>160</td>
</tr>
<tr>
<td>Edelenbosch, Rosanne Maria</td>
<td>171</td>
</tr>
<tr>
<td>Eglash, Ron</td>
<td>038</td>
</tr>
<tr>
<td>Eidenskog, Maria</td>
<td>104</td>
</tr>
<tr>
<td>Eißing, Tabea</td>
<td>129</td>
</tr>
<tr>
<td>Ekeland, Torun Granstrøm</td>
<td>013</td>
</tr>
<tr>
<td>Eli, Karin</td>
<td>113</td>
</tr>
<tr>
<td>Ellis, Andrew</td>
<td>155</td>
</tr>
<tr>
<td>Ellis, Ryan</td>
<td>063</td>
</tr>
<tr>
<td>Ellison, Kirsten</td>
<td>261</td>
</tr>
<tr>
<td>Ellwood, Paul</td>
<td>130</td>
</tr>
<tr>
<td>Elovaara, Pirjo</td>
<td>122</td>
</tr>
<tr>
<td>Elrick, Jennifer</td>
<td>127</td>
</tr>
<tr>
<td>Ema, Arisa</td>
<td>143</td>
</tr>
<tr>
<td>Epstein, Steven</td>
<td>176</td>
</tr>
<tr>
<td>Erickson, Ingrid</td>
<td>080, 202</td>
</tr>
<tr>
<td>Erlemann, Martina</td>
<td>100, 122, 145</td>
</tr>
</tbody>
</table>
INDICES

Erlinghagen, Sabine, 200
Erol, Maral, 166
Esko, Terhi, 143
Etzkowitz, Henry, 147
Evangelista, Rafael de Almeida, 061, 133
Evans, James Allen, 099
Evans, Michael S., 262
Evans, Robert, 066
Evans, Samuel A Weiss, 186
Eyal, Gil, 157

Fahy, Declan, 249
Fallde, Magdalena, 118
Fallon, Kristopher, 029
Faugere, Elsa, 254
Feenberg, Andrew, 142
Feinblatt, Eric, 220
Feinstein, Noah, 020
Feld, Adriana, 070
Felder, Kay, 032, 115
Fellet, Melissae, 177
Felt, Ulrike, 032, 049, 141, 257
Fertig, Emily, 177
Fidler, Bradley, 093
Filipecki, Ana Tereza Pinto, 070
Finken, Sisse, 122
Finn, Megan, 174
Firmino, Rodrigo José, 133

Fischbacher-Smith, Denis, 063, 206
Fischbacher-Smith, Moira Catherine, 206
Fischer, Josefine Hjelteig, 189
Fisher, Jill, 160
Fisher, Tom, 145
Fishman, Jennifer, 245
Fitsch, Hannah, 151
Fitzgerald, Des, 135
Flear, Mark Leslie, 137
Fleming, Mark, 069
Fletcher, Amy, 253
Fodness, Kevin Robert, 228
Foith, Michael, 076
Foo, Katherine E, 207
Foot, Kirsten, 154
Ford, Rebecca, 242
Forlano, Laura, 017, 071
Forlano, Laura, 026, 047
Forssman, Natalie, 191
Forster, Deborah, 031
Fortun, Kim, 039, 192, 211
Foster, Ellen, 071, 155
Foster, Jacob Gates, 237
Fotopoulou, Aristea, 064
Fouche, Rayvon, 049
Fourcade, Marion, 195
Freidberg, Susanne, 033
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fressoli, Juan Mariano</td>
<td>106</td>
</tr>
<tr>
<td>Frickel, Scott</td>
<td>063, 192, 221</td>
</tr>
<tr>
<td>Fried, Talia</td>
<td>222</td>
</tr>
<tr>
<td>Frodeman, Robert</td>
<td>180</td>
</tr>
<tr>
<td>Frohlich, Xaq</td>
<td>012, 033, 057</td>
</tr>
<tr>
<td>Fujigaki, Yuko</td>
<td>106</td>
</tr>
<tr>
<td>Fujimura, Joan</td>
<td>112</td>
</tr>
<tr>
<td>Fukuda, Chisato</td>
<td>020</td>
</tr>
<tr>
<td>Fukumoto, Eriko</td>
<td>196</td>
</tr>
<tr>
<td>Fuller, Jen</td>
<td>216</td>
</tr>
<tr>
<td>Fullwiley, Duana</td>
<td>040</td>
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<tr>
<td>Funk, Michael</td>
<td>119</td>
</tr>
<tr>
<td>Fye, Shannon</td>
<td>229</td>
</tr>
<tr>
<td>Färber, Alexa</td>
<td>084</td>
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<td>Gabrys, Jennifer</td>
<td>053</td>
</tr>
<tr>
<td>Gad, Christopher</td>
<td>170</td>
</tr>
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<td>Galis, Vasilis</td>
<td>076</td>
</tr>
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<td>Galloway, Anne</td>
<td>017</td>
</tr>
<tr>
<td>Galusky, Wyatt</td>
<td>110</td>
</tr>
<tr>
<td>Gano, Gretchen L</td>
<td>050, 134</td>
</tr>
<tr>
<td>Gao, Bei</td>
<td>219</td>
</tr>
<tr>
<td>Gao, Qiufang</td>
<td>208</td>
</tr>
<tr>
<td>Garattini, Chiara</td>
<td>102, 124</td>
</tr>
<tr>
<td>García Peter</td>
<td>231</td>
</tr>
<tr>
<td>Gates, Kelly</td>
<td>058</td>
</tr>
<tr>
<td>Gaughan, Monica</td>
<td>146</td>
</tr>
<tr>
<td>Gay, Geri</td>
<td>008</td>
</tr>
<tr>
<td>Geampana, Alina</td>
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<td>123</td>
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<td>123</td>
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<tr>
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<td>177</td>
</tr>
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<td>Gershon, Ilana</td>
<td>086</td>
</tr>
<tr>
<td>Gerson, Elihu M</td>
<td>020</td>
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<tr>
<td>Ghosh, Bishnupriya</td>
<td>148</td>
</tr>
<tr>
<td>Gibert, Jorge</td>
<td>034</td>
</tr>
<tr>
<td>Gibson, Steven A</td>
<td>215</td>
</tr>
<tr>
<td>Gieryn, Tom</td>
<td>233</td>
</tr>
<tr>
<td>Gillespie, Tarleton Lee</td>
<td>154</td>
</tr>
<tr>
<td>Gilligan, Jonathan</td>
<td>219</td>
</tr>
<tr>
<td>Ginoza-Loffler, Ayano</td>
<td>013</td>
</tr>
<tr>
<td>Giordano, Sara</td>
<td>231</td>
</tr>
<tr>
<td>Gitahy, Leda Maria Caira</td>
<td>222</td>
</tr>
<tr>
<td>Glassey, Olivier</td>
<td>134</td>
</tr>
<tr>
<td>Godfroy, Anne-Sophie</td>
<td>228</td>
</tr>
<tr>
<td>Golan, Tal</td>
<td>058</td>
</tr>
<tr>
<td>Goldsher-Diamond, Emily</td>
<td>107</td>
</tr>
<tr>
<td>Gond, Jean-Pascal</td>
<td>096</td>
</tr>
<tr>
<td>Gonzales, Robert</td>
<td>177</td>
</tr>
<tr>
<td>Gonzalez, Juan Manuel</td>
<td>209</td>
</tr>
<tr>
<td>Gonzalez-Santos, Sandra P.</td>
<td>085</td>
</tr>
<tr>
<td>Goodman, Justin</td>
<td>028, 167</td>
</tr>
<tr>
<td>Goodspeed, Robert</td>
<td>239</td>
</tr>
<tr>
<td>Gopakumar, Govind</td>
<td>127</td>
</tr>
<tr>
<td>Gorman, Mike</td>
<td>009</td>
</tr>
<tr>
<td>Gormley, Melinda</td>
<td>177</td>
</tr>
<tr>
<td>INDICES</td>
<td></td>
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<tr>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>Gosart, Ulia, 195</td>
<td></td>
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<tr>
<td>Gotkin, Kevin, 047</td>
<td></td>
</tr>
<tr>
<td>Gou, YouZhao, 238</td>
<td></td>
</tr>
<tr>
<td>Granzow, Kara, 034</td>
<td></td>
</tr>
<tr>
<td>Granzow, Michael, 239</td>
<td></td>
</tr>
<tr>
<td>Grasswick, Heidi, 195</td>
<td></td>
</tr>
<tr>
<td>Gray, Chris Hables, 248</td>
<td></td>
</tr>
<tr>
<td>Gray, Summer, 010</td>
<td></td>
</tr>
<tr>
<td>Greaves, Matthew, 086</td>
<td></td>
</tr>
<tr>
<td>Green, Brian Patrick, 163</td>
<td></td>
</tr>
<tr>
<td>Greer, Ann Lennarson, 198</td>
<td></td>
</tr>
<tr>
<td>Gregg, Melissa, 008, 029</td>
<td></td>
</tr>
<tr>
<td>Gregory, Judith, 035</td>
<td></td>
</tr>
<tr>
<td>Gregory, Stephan, 243</td>
<td></td>
</tr>
<tr>
<td>Greusing, Inka, 100</td>
<td></td>
</tr>
<tr>
<td>Griesemer, James, 112</td>
<td></td>
</tr>
<tr>
<td>Griffiths, Danielle, 141</td>
<td></td>
</tr>
<tr>
<td>Grimes, Sara M., 250</td>
<td></td>
</tr>
<tr>
<td>Grindstaff, Laura, 041</td>
<td></td>
</tr>
<tr>
<td>Grossman, Sarah, 101</td>
<td></td>
</tr>
<tr>
<td>Gruber, David R, 135</td>
<td></td>
</tr>
<tr>
<td>Gu, Diane Yu, 100</td>
<td></td>
</tr>
<tr>
<td>Guest, Jeremey, 172</td>
<td></td>
</tr>
<tr>
<td>Guivant, Julia Silvia, 230</td>
<td></td>
</tr>
<tr>
<td>Gunnarsdottir, Kristrun, 064</td>
<td></td>
</tr>
<tr>
<td>Gupta, Kristina, 266</td>
<td></td>
</tr>
<tr>
<td>Gusterson, Hugh, 023</td>
<td></td>
</tr>
<tr>
<td>Guston, David H., 075, 177</td>
<td></td>
</tr>
<tr>
<td>Guthman, Julie, 073</td>
<td></td>
</tr>
<tr>
<td>Gutierrez, Louis, 155</td>
<td></td>
</tr>
<tr>
<td>Gutierrez, Rafaela Francisconi, 222</td>
<td></td>
</tr>
<tr>
<td>Gutkind, Lee, 177</td>
<td></td>
</tr>
<tr>
<td>Guzik, Keith, 150</td>
<td></td>
</tr>
<tr>
<td>Günel, Gökçe, 213</td>
<td></td>
</tr>
<tr>
<td>Ha, Jung-Ok, 034</td>
<td></td>
</tr>
<tr>
<td>Hackett, Edward, 140, 144</td>
<td></td>
</tr>
<tr>
<td>Haddad, Carol J, 021</td>
<td></td>
</tr>
<tr>
<td>Hagendijk, Rob, 257</td>
<td></td>
</tr>
<tr>
<td>Haijun, Yuan, 206</td>
<td></td>
</tr>
<tr>
<td>Halavais, Alexander, 133</td>
<td></td>
</tr>
<tr>
<td>Halfon, Saul, 113</td>
<td></td>
</tr>
<tr>
<td>Halford, Susan, 069</td>
<td></td>
</tr>
<tr>
<td>Halimi, Mohammad, 118</td>
<td></td>
</tr>
<tr>
<td>Hall, Jeremy, 216</td>
<td></td>
</tr>
<tr>
<td>Halpern, Megan K, 016</td>
<td></td>
</tr>
<tr>
<td>Halpin, Michael, 260</td>
<td></td>
</tr>
<tr>
<td>Hamada, Shingo, 028</td>
<td></td>
</tr>
<tr>
<td>Hamilton, Jennifer A., 176, 266</td>
<td></td>
</tr>
<tr>
<td>Hammarfelt, Björn, 092</td>
<td></td>
</tr>
<tr>
<td>Hamraie, Aimi, 190</td>
<td></td>
</tr>
<tr>
<td>Hamui, Mery, 218, 244</td>
<td></td>
</tr>
<tr>
<td>Han, Tsai-Yen, 089</td>
<td></td>
</tr>
<tr>
<td>Hand, Martin, 061</td>
<td></td>
</tr>
<tr>
<td>Hangel, Nora, 041, 065</td>
<td></td>
</tr>
<tr>
<td>Hanna, Shannon, 131</td>
<td></td>
</tr>
</tbody>
</table>
Hansen, Gard Hopsdal, 056, 077
Hansen, Helena, 087
Hanssmann, Christoph, 224
Hansson, Anders, 220, 253
Hara, Noriko, 016, 077, 202
Haran, Joan, 215, 227
Haraway, Donna, 168
Harding, Sandra, 036, 097
Harmon, Ellie, 019
Harp, Kyle Orion, 248
Harsh, Matthew, 081, 149
Harthorn, Barbara Herr, 131
Harvey, Francis, 013
Hasell, Ariel, 131
Hasson, Katie Ann, 166
Hatmaker, Susie, 039
Hay, David Brian, 135
Hayden, Cori, 134
Hayes, Gillian R, 014
Hayes, Nick, 145
Hayward, Eva, 156
Heatherington, Tracey, 264
Hedgecoe, Adam Michael, 139, 261
Heidenreich, Sara, 263
Heinemann, Torsten, 151
Helgesson, Claes-Fredrik, 136
Helmreich, Stefan, 156
Hemmes, Kas, 189
Henderson, Kathryn, 037, 202
Hendren, Sara, 190
Hendy, Katherine Marie, 175
Henke, Christopher, 193, 213, 235
Hennessy, Elizabeth, 062
Henry, Emmanuel, 123
Hepsoe, Vidar, 220
Hermans, Marijke, 046
Hermansen, Erlend, 233
Hertz, Garnet, 017
Hess, David John, 199, 219, 241
Hetland, Per, 083
Hiddinga, Anja, 060
Hildebrand, Vanessa, 161
Hilgartner, Stephen, 257
Hillerbrand, Rafaela, 189
Hinterberger, Amy, 176
Hipple Walters, Bethany, 210
Hirono, Yoshiyuki, 146, 244
Hjelle, Torstein Elias Løland, 144
Hoadley, Christopher, 080
Hoeppe, Goetz, 099
Hoeyer, Klaus, 011, 160
Hoffman, Andrew Staver, 173
Hoffman, Monica Ann, 191
Hoffmann, Anthony, 224
Hogan, Andrew J, 112
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hogle, Linda F.</td>
<td>124</td>
</tr>
<tr>
<td>Holbrook, James Britt</td>
<td>126</td>
</tr>
<tr>
<td>Holm, Petter</td>
<td>096</td>
</tr>
<tr>
<td>Holmer, Hrönn Brynjarsdóttir</td>
<td>014</td>
</tr>
<tr>
<td>Holmes, Christina</td>
<td>121</td>
</tr>
<tr>
<td>Holstius, David</td>
<td>256</td>
</tr>
<tr>
<td>Holzmeyer, Cheryl</td>
<td>217</td>
</tr>
<tr>
<td>Hong, Sungook</td>
<td>110</td>
</tr>
<tr>
<td>Hong, Wei</td>
<td>208</td>
</tr>
<tr>
<td>Hope, Kristin</td>
<td>146</td>
</tr>
<tr>
<td>Horner, David</td>
<td>007</td>
</tr>
<tr>
<td>Horst, Maja</td>
<td>050</td>
</tr>
<tr>
<td>Hoshor, Amelie</td>
<td>171</td>
</tr>
<tr>
<td>Hosni, Soraya</td>
<td>254</td>
</tr>
<tr>
<td>Houdart, Sophie</td>
<td>087</td>
</tr>
<tr>
<td>Hsu, Hansen</td>
<td>167</td>
</tr>
<tr>
<td>Hudson, Robert</td>
<td>143</td>
</tr>
<tr>
<td>Huff, April</td>
<td>240</td>
</tr>
<tr>
<td>Huniche, Lotte</td>
<td>146</td>
</tr>
<tr>
<td>Hunsinger, Jeremy</td>
<td>047</td>
</tr>
<tr>
<td>Hurlbut, Ben</td>
<td>152</td>
</tr>
<tr>
<td>Hyun, Jaehwan</td>
<td>013</td>
</tr>
<tr>
<td>Igelsboeck, Judith</td>
<td>115</td>
</tr>
<tr>
<td>Iles, Alastair</td>
<td>125</td>
</tr>
<tr>
<td>Imaoka, Laura</td>
<td>018</td>
</tr>
<tr>
<td>Ingemansson, Malena</td>
<td>244</td>
</tr>
<tr>
<td>Intemann, Kristen</td>
<td>007</td>
</tr>
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<td>Ionescu, Tudor B.</td>
<td>196</td>
</tr>
<tr>
<td>Irani, Lilly</td>
<td>174</td>
</tr>
<tr>
<td>Irie, Shin Ichiro</td>
<td>083</td>
</tr>
<tr>
<td>Irwin, Robert</td>
<td>041</td>
</tr>
<tr>
<td>Irwin, Stacey</td>
<td>164</td>
</tr>
<tr>
<td>Iskandarova, Marfuga</td>
<td>199</td>
</tr>
<tr>
<td>Isobe, Taichi</td>
<td>187</td>
</tr>
<tr>
<td>Ito, Ken</td>
<td>167</td>
</tr>
<tr>
<td>Jackson, Steven</td>
<td>253</td>
</tr>
<tr>
<td>Jacobsen, Katja Lindskov</td>
<td>013</td>
</tr>
<tr>
<td>Jae, Gina</td>
<td>245</td>
</tr>
<tr>
<td>Jaeger, Birgit</td>
<td>185</td>
</tr>
<tr>
<td>JafariNaimi, Nassim</td>
<td>017, 080</td>
</tr>
<tr>
<td>Jain, S. Lochlann</td>
<td>022</td>
</tr>
<tr>
<td>Jalbert, Kirk</td>
<td>015, 221</td>
</tr>
<tr>
<td>Jas, Nathalie</td>
<td>052</td>
</tr>
<tr>
<td>Jasanoff, Sheila</td>
<td>152</td>
</tr>
<tr>
<td>Jasanoff, Sheila</td>
<td>103</td>
</tr>
<tr>
<td>Jauho, Mikko</td>
<td>033</td>
</tr>
<tr>
<td>Jay, Samuel M.</td>
<td>008</td>
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<td>Jefferson, Catherine</td>
<td>009</td>
</tr>
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<td>Jegen, Maya</td>
<td>200</td>
</tr>
<tr>
<td>Jensen, Anja Marie Bornø</td>
<td>011</td>
</tr>
<tr>
<td>Jensen, Jens Stissing</td>
<td>222</td>
</tr>
<tr>
<td>Jeon, Chihyung</td>
<td>068</td>
</tr>
<tr>
<td>Ji, Haiqing</td>
<td>261</td>
</tr>
<tr>
<td>Jing, Li</td>
<td>259</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Joffe, Helene</td>
<td>171</td>
</tr>
<tr>
<td>Johansen, Anja</td>
<td>088</td>
</tr>
<tr>
<td>Johansson, Lasse</td>
<td>215</td>
</tr>
<tr>
<td>Johansson Krafve, Linus</td>
<td>267</td>
</tr>
<tr>
<td>Johnson, Emma</td>
<td>191</td>
</tr>
<tr>
<td>Johnson, Nathan R.</td>
<td>237</td>
</tr>
<tr>
<td>Joly, Pierre-Benoît</td>
<td>103</td>
</tr>
<tr>
<td>Jomisko, Robert Lorenzo</td>
<td>042</td>
</tr>
<tr>
<td>Jones, Kevin Edson</td>
<td>239</td>
</tr>
<tr>
<td>Jones, Mark</td>
<td>128</td>
</tr>
<tr>
<td>Jonkers, Koen</td>
<td>146</td>
</tr>
<tr>
<td>Jouzel, Jean-Noël</td>
<td>054</td>
</tr>
<tr>
<td>Juhl, Joakim</td>
<td>132</td>
</tr>
<tr>
<td>Jungen, Christine</td>
<td>087</td>
</tr>
<tr>
<td>Juraku, Kohta</td>
<td>044, 068</td>
</tr>
<tr>
<td>Juul Nielsen, Annegrete</td>
<td>024</td>
</tr>
<tr>
<td>Jørgensen, Cecilie Juul</td>
<td>037</td>
</tr>
<tr>
<td>Jørgensen, Ulrik</td>
<td>181, 222</td>
</tr>
<tr>
<td>Kahn, Brian</td>
<td>177</td>
</tr>
<tr>
<td>Kahn, Jonathan</td>
<td>040</td>
</tr>
<tr>
<td>Kaida, Naomi</td>
<td>198</td>
</tr>
<tr>
<td>Kale-Lostuvali, Elif</td>
<td>128</td>
</tr>
<tr>
<td>Kamo, Yoshinori</td>
<td>202</td>
</tr>
<tr>
<td>Kanashiro, Marta Mourão</td>
<td>099, 133, 212</td>
</tr>
<tr>
<td>Kangas, Kristina Austin</td>
<td>065</td>
</tr>
<tr>
<td>Kardia, Sharon</td>
<td>025, 210</td>
</tr>
<tr>
<td>Karlberg, Kristen</td>
<td>114</td>
</tr>
<tr>
<td>Karlin, Beth</td>
<td>242</td>
</tr>
<tr>
<td>Karlstrøm, Henrik</td>
<td>263</td>
</tr>
<tr>
<td>Karnøe, Peter</td>
<td>096, 199</td>
</tr>
<tr>
<td>Kase, Ikuko</td>
<td>187</td>
</tr>
<tr>
<td>Kaufman, Jay S</td>
<td>040</td>
</tr>
<tr>
<td>Kawamura, Ken</td>
<td>229</td>
</tr>
<tr>
<td>Kearnes, Matthew</td>
<td>075, 104</td>
</tr>
<tr>
<td>Keating, Peter</td>
<td>045</td>
</tr>
<tr>
<td>Kee, Kerk F</td>
<td>236</td>
</tr>
<tr>
<td>Keenan, Andrew</td>
<td>250</td>
</tr>
<tr>
<td>Kelkar, Shreeharsh</td>
<td>201, 235</td>
</tr>
<tr>
<td>Keller, Reiner</td>
<td>120</td>
</tr>
<tr>
<td>Kelly, Susan E.</td>
<td>223</td>
</tr>
<tr>
<td>Kennedy, Eric B</td>
<td>065</td>
</tr>
<tr>
<td>Kenner, Alison</td>
<td>015</td>
</tr>
<tr>
<td>Kenny, Katherine E.</td>
<td>058</td>
</tr>
<tr>
<td>Kerr, Anne</td>
<td>130</td>
</tr>
<tr>
<td>Kewell, Elizabeth (Beth)</td>
<td>143, 165</td>
</tr>
<tr>
<td>Jacqueine</td>
<td>143, 165</td>
</tr>
<tr>
<td>Khandekar, Aalok</td>
<td>055</td>
</tr>
<tr>
<td>Kilburn, John C.</td>
<td>202</td>
</tr>
<tr>
<td>Kim, Hyomin</td>
<td>196</td>
</tr>
<tr>
<td>Kim, Karen A.</td>
<td>128</td>
</tr>
<tr>
<td>Kinchy, Abby</td>
<td>221</td>
</tr>
<tr>
<td>Kingori, Patricia</td>
<td>160</td>
</tr>
<tr>
<td>Kinsella, William J</td>
<td>196</td>
</tr>
<tr>
<td>Kirch Kirkegaard, Julia</td>
<td>219</td>
</tr>
<tr>
<td>Kirksey, Eben</td>
<td>168, 264</td>
</tr>
<tr>
<td>Kitto, Simon</td>
<td>024, 212</td>
</tr>
</tbody>
</table>
INDICES

Klavans, Richard, 165
Klein, Sarah, 100
Kleinman, Daniel, 020, 128
Klett, Joseph, 028, 060, 082
Klimek, Alexandra, 263
Kniess, Bernd, 084
Knobel, Cory, 080
Ko, Yohan, 008
Koay, Pei, 167
Kohayagawa, Yoshitaka, 068
Kohn, Equardo, 168
Koivisto, Juha, 066, 222
Koning, Merel, 133
Konopasek, Zdenek, 046
Koski, Jessica, 195
Kothuis, Bee L.M., 041
Kouper, Inna, 056
Kovalainen, Anne Kristiina, 244
Kovalainen, Anne, 252
Kozhanov, Andrey, 020
Kraemer, Jordan, 134
Kramvig, Britt, 013
Kreimer, Pablo, 020
Kropp, Kristoffer, 238
Kuehn, Andreas, 250
Kuhn, Sarah, 038
Kula, Eric, 237
Kumbamu, Ashok, 261
Kuo, Wen-Hua, 091
Kupper, Frank, 171
Kuri, Miwa, 083
Kuroda, Kotaro, 179
Künneke, Rolf, 189
L'Esperance, Audrey, 245
Labarthe, Norma, 070
Labruto, Nicole, 090
Lachney, Michael, 155
Ladd, Kelly, 109
Lafuente, Sara, 172
Lagesen, Vivian Anette, 021
Lahne, Jacob, 033
Lakoff, Andrew, 175
Lam, Ann, 135, 171
Lamoreaux, Janelle D, 087
Landecker, Hannah, 251
Lange, Patricia G., 234
Langstrup, Henriette, 024
Lappe, Martine, 245
Lassen, Aske Juul, 130
Laurent, Brice, 152
Lave, Rebecca, 221
Lavi, Aharon Ariel, 078
Lavin, Matthew, 056
Layne, Linda Louise, 168
Lazarus, Jeanne Hélène, 173
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leahu, Lucian</td>
<td>102</td>
</tr>
<tr>
<td>Lee, Charlotte P.</td>
<td>217</td>
</tr>
<tr>
<td>Lee, Francis</td>
<td>136</td>
</tr>
<tr>
<td>Lee, Jieun</td>
<td>037</td>
</tr>
<tr>
<td>Lee, Seung Ryong</td>
<td>187</td>
</tr>
<tr>
<td>Lee, You-Na</td>
<td>007</td>
</tr>
<tr>
<td>Lee, Young Hee</td>
<td>042</td>
</tr>
<tr>
<td>Leese, Matthias</td>
<td>133</td>
</tr>
<tr>
<td>Lehoux, Pascale</td>
<td>218</td>
</tr>
<tr>
<td>Lehr, Jane L</td>
<td>110</td>
</tr>
<tr>
<td>Lehrman, Sally</td>
<td>040</td>
</tr>
<tr>
<td>Lehtonen, Markku</td>
<td>044</td>
</tr>
<tr>
<td>Leibler, Anat E</td>
<td>125</td>
</tr>
<tr>
<td>Leighton, Mary</td>
<td>138</td>
</tr>
<tr>
<td>Leisyte, Liudvika</td>
<td>041</td>
</tr>
<tr>
<td>Leitner, David S.</td>
<td>102</td>
</tr>
<tr>
<td>Lejealle, Catherine</td>
<td>198</td>
</tr>
<tr>
<td>Lemmens, Pieter</td>
<td>011</td>
</tr>
<tr>
<td>Lemmens, Trudo</td>
<td>218</td>
</tr>
<tr>
<td>Leonel, Renan Gonçalves</td>
<td>011</td>
</tr>
<tr>
<td>Leslie, Christopher</td>
<td>203, 267</td>
</tr>
<tr>
<td>Leslie, Myles</td>
<td>212</td>
</tr>
<tr>
<td>Leslie, Myles</td>
<td>024</td>
</tr>
<tr>
<td>Leung, Ricky C</td>
<td>259</td>
</tr>
<tr>
<td>Levenda, Anthony</td>
<td>241</td>
</tr>
<tr>
<td>Levin, Nadine</td>
<td>251</td>
</tr>
<tr>
<td>Li, Lan Angela</td>
<td>074</td>
</tr>
<tr>
<td>Liao, Wei-Hsiang</td>
<td>032</td>
</tr>
<tr>
<td>Liberman, Sofia</td>
<td>240</td>
</tr>
<tr>
<td>Liboiron, Max</td>
<td>109, 256</td>
</tr>
<tr>
<td>Lie, Merete</td>
<td>059, 088</td>
</tr>
<tr>
<td>Lievrouw, Leah</td>
<td>154</td>
</tr>
<tr>
<td>Lindén, Lisa Maria</td>
<td>223</td>
</tr>
<tr>
<td>Littaye, Alexandra</td>
<td>113</td>
</tr>
<tr>
<td>Littlefield, Melissa M.</td>
<td>135</td>
</tr>
<tr>
<td>Livne, Roi</td>
<td>195</td>
</tr>
<tr>
<td>Loder, Courtney</td>
<td>016</td>
</tr>
<tr>
<td>Lorenzoni, Gianni</td>
<td>144</td>
</tr>
<tr>
<td>Losh, Elizabeth</td>
<td>246</td>
</tr>
<tr>
<td>Lotherington, Ann Therese</td>
<td>069</td>
</tr>
<tr>
<td>Loukissas, Yanni Alexander</td>
<td>017</td>
</tr>
<tr>
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<td>025</td>
</tr>
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<td>Lucht, Petra</td>
<td>100, 122, 145</td>
</tr>
<tr>
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<td>082</td>
</tr>
<tr>
<td>Lutters, Wayne G</td>
<td>202</td>
</tr>
<tr>
<td>Lyles, Daniel Allen</td>
<td>155</td>
</tr>
<tr>
<td>Lynch, Michael</td>
<td>081, 255</td>
</tr>
<tr>
<td>Lyngfeldt Gorm Hansen, Louise</td>
<td>219</td>
</tr>
<tr>
<td>Lyons, Jessica</td>
<td>107</td>
</tr>
<tr>
<td>Lyons, Kristina Marie</td>
<td>079</td>
</tr>
<tr>
<td>M'charek, Amade</td>
<td>129, 176</td>
</tr>
<tr>
<td>Ma, EunJeong</td>
<td>034</td>
</tr>
<tr>
<td>Maat, Harro</td>
<td>090</td>
</tr>
<tr>
<td>Macedo, Joana</td>
<td>230</td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Mackenzie, Adrian</td>
<td>215</td>
</tr>
<tr>
<td>Macnaghten, Phil</td>
<td>075</td>
</tr>
<tr>
<td>MacPhail, Theresa</td>
<td>166</td>
</tr>
<tr>
<td>Maddalena, Kate</td>
<td>233</td>
</tr>
<tr>
<td>Makoge, Valerie</td>
<td>178</td>
</tr>
<tr>
<td>Maldonado Castañeda, Oscar Javier</td>
<td>074</td>
</tr>
<tr>
<td>Manabe, Noriko</td>
<td>023</td>
</tr>
<tr>
<td>Mangelsdorf, Marion</td>
<td>145</td>
</tr>
<tr>
<td>Manson, Paul</td>
<td>199</td>
</tr>
<tr>
<td>Markard, Jochen</td>
<td>200</td>
</tr>
<tr>
<td>Markusson, Nils</td>
<td>075</td>
</tr>
<tr>
<td>Marques, Ivan da Costa</td>
<td>121, 188, 209</td>
</tr>
<tr>
<td>Marques, Paulo</td>
<td>009</td>
</tr>
<tr>
<td>Martin, Abigail N.</td>
<td>103</td>
</tr>
<tr>
<td>Martin, Christine</td>
<td>012</td>
</tr>
<tr>
<td>Martin, Laura Jane</td>
<td>197</td>
</tr>
<tr>
<td>Martin, Lauren Jade</td>
<td>141</td>
</tr>
<tr>
<td>Martinez, Ruben</td>
<td>230</td>
</tr>
<tr>
<td>Mascarenhas, Michael</td>
<td>138</td>
</tr>
<tr>
<td>Masco, Joseph</td>
<td>022, 186</td>
</tr>
<tr>
<td>Massaro, Sebastiano</td>
<td>144</td>
</tr>
<tr>
<td>Matos, Stelvia</td>
<td>216</td>
</tr>
<tr>
<td>Matsler, Marissa</td>
<td>240</td>
</tr>
<tr>
<td>Matsubara, Marin</td>
<td>167</td>
</tr>
<tr>
<td>Matsumoto, Miwao</td>
<td>039</td>
</tr>
<tr>
<td>Matthews, Mark</td>
<td>008</td>
</tr>
<tr>
<td>Mattick, Carolyn S</td>
<td>012</td>
</tr>
<tr>
<td>Matviyenko, Svitlana</td>
<td>116</td>
</tr>
<tr>
<td>Mayeri, Rachel</td>
<td>031</td>
</tr>
<tr>
<td>Mazmanian, Melissa</td>
<td>014</td>
</tr>
<tr>
<td>Mbatia, Paul</td>
<td>149</td>
</tr>
<tr>
<td>McCormick, Jennifer B</td>
<td>261</td>
</tr>
<tr>
<td>McGowan, Michelle</td>
<td>245</td>
</tr>
<tr>
<td>McGuire, Wendy</td>
<td>180</td>
</tr>
<tr>
<td>McMullin, Juliet</td>
<td>223</td>
</tr>
<tr>
<td>McNeil, Maureen</td>
<td>215</td>
</tr>
<tr>
<td>Medina, Eden</td>
<td>121</td>
</tr>
<tr>
<td>Meijer, Ingeborg</td>
<td>046</td>
</tr>
<tr>
<td>Meissner, Hanna</td>
<td>076</td>
</tr>
<tr>
<td>Mellet, Kevin</td>
<td>061</td>
</tr>
<tr>
<td>Meloni, Maurizio</td>
<td>151</td>
</tr>
<tr>
<td>Memarzadeh, Ph.D., Maher</td>
<td>259</td>
</tr>
<tr>
<td>Mendelsohn, Ben</td>
<td>059</td>
</tr>
<tr>
<td>Mendez, Michael</td>
<td>207</td>
</tr>
<tr>
<td>Merid, Beza</td>
<td>110</td>
</tr>
<tr>
<td>Mesman, Jessica</td>
<td>055, 076</td>
</tr>
<tr>
<td>Messeri, Lisa</td>
<td>191, 212, 233</td>
</tr>
<tr>
<td>Metcalf, Jacob</td>
<td>264</td>
</tr>
<tr>
<td>Metz, Anneke</td>
<td>089</td>
</tr>
<tr>
<td>Metzler, Ingrid</td>
<td>129, 152</td>
</tr>
<tr>
<td>Meyer, Peter Benjamin</td>
<td>056</td>
</tr>
<tr>
<td>Mialet, Helene</td>
<td>255</td>
</tr>
<tr>
<td>Miettinen, Reijo</td>
<td>143</td>
</tr>
<tr>
<td>Mikami, Koichi</td>
<td>054</td>
</tr>
<tr>
<td>Miller, Clark</td>
<td>049</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Miller, Fiona A.</td>
<td>218</td>
</tr>
<tr>
<td>Miller, Shawn A</td>
<td>143</td>
</tr>
<tr>
<td>Miller, Thaddeus</td>
<td>084</td>
</tr>
<tr>
<td>Mills, Mara</td>
<td>004</td>
</tr>
<tr>
<td>Minguet, Guy</td>
<td>069</td>
</tr>
<tr>
<td>Mitchell, Gemma</td>
<td>240</td>
</tr>
<tr>
<td>Mitman, Gregg</td>
<td>168</td>
</tr>
<tr>
<td>Mitzschke, Andreas</td>
<td>090</td>
</tr>
<tr>
<td>Miyazaki, Makoto</td>
<td>068</td>
</tr>
<tr>
<td>Mizushima, Nozomi</td>
<td>187</td>
</tr>
<tr>
<td>Mohr, Sebastian</td>
<td>130</td>
</tr>
<tr>
<td>Mokos, Jennifer T.</td>
<td>018</td>
</tr>
<tr>
<td>Monahan, Torin</td>
<td>111, 133</td>
</tr>
<tr>
<td>Mongili, Alessandro</td>
<td>038</td>
</tr>
<tr>
<td>Monteiro, Marko Alves</td>
<td>029, 206</td>
</tr>
<tr>
<td>Montenegro, Maywa</td>
<td>125</td>
</tr>
<tr>
<td>Montoya, Michael</td>
<td>112</td>
</tr>
<tr>
<td>Moon, Jiho</td>
<td>110</td>
</tr>
<tr>
<td>Moore, Amelia</td>
<td>107</td>
</tr>
<tr>
<td>Moore, Brendan</td>
<td>042</td>
</tr>
<tr>
<td>Moore, Kelly</td>
<td>057</td>
</tr>
<tr>
<td>Mopas, Michael S</td>
<td>033, 060</td>
</tr>
<tr>
<td>Morales-Nasser, Alejandra</td>
<td>203</td>
</tr>
<tr>
<td>Morales-Navarro, Laura</td>
<td>209</td>
</tr>
<tr>
<td>Moriwaki, Kosuke</td>
<td>146, 244</td>
</tr>
<tr>
<td>Morrison, Michael</td>
<td>223</td>
</tr>
<tr>
<td>Motion, Judy</td>
<td>104</td>
</tr>
<tr>
<td>Mudry, Jessica</td>
<td>081</td>
</tr>
<tr>
<td>Mueller, Liana</td>
<td>262</td>
</tr>
<tr>
<td>Mugar, Gabriel</td>
<td>202</td>
</tr>
<tr>
<td>Mukherji, Chandra</td>
<td>193</td>
</tr>
<tr>
<td>Mukherjee, Rahul</td>
<td>194</td>
</tr>
<tr>
<td>Mulvaney, Dustin</td>
<td>258</td>
</tr>
<tr>
<td>Murakami, Yuko</td>
<td>083</td>
</tr>
<tr>
<td>Muriithi, Petronilla Muthoni</td>
<td>007</td>
</tr>
<tr>
<td>Murillo, Luis Felipe Rosado</td>
<td>071</td>
</tr>
<tr>
<td>Murillo, Miguel</td>
<td>181</td>
</tr>
<tr>
<td>Murphy, Michelle</td>
<td>109, 211</td>
</tr>
<tr>
<td>Mustonen, Veera Ilona</td>
<td>124</td>
</tr>
<tr>
<td>Mutlu, Burcu</td>
<td>157</td>
</tr>
<tr>
<td>Muto, Sachiko</td>
<td>242</td>
</tr>
<tr>
<td>Möllers, Norma</td>
<td>201</td>
</tr>
<tr>
<td>Mörtberg, Christina</td>
<td>122</td>
</tr>
<tr>
<td>Nafus, Dawn</td>
<td>015, 102</td>
</tr>
<tr>
<td>Nakagawa, Keiichi</td>
<td>068</td>
</tr>
<tr>
<td>Nardi, Bonnie</td>
<td>080</td>
</tr>
<tr>
<td>Nathan, Lisa P</td>
<td>080</td>
</tr>
<tr>
<td>Navon, Daniel</td>
<td>157</td>
</tr>
<tr>
<td>Nelms, Taylor C</td>
<td>173</td>
</tr>
<tr>
<td>Nelson, Diane</td>
<td>022</td>
</tr>
<tr>
<td>Nelson, Nicole</td>
<td>045</td>
</tr>
<tr>
<td>Nemorin, Selena</td>
<td>151</td>
</tr>
<tr>
<td>Neresini, Federico</td>
<td>124</td>
</tr>
<tr>
<td>Nguyen, Josef</td>
<td>134</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Nicewonger, Todd E.</td>
<td>028</td>
</tr>
<tr>
<td>Nikoo, Shoghi</td>
<td>091</td>
</tr>
<tr>
<td>Nilsson, Johan</td>
<td>153</td>
</tr>
<tr>
<td>Njambi, Wairimu</td>
<td>107</td>
</tr>
<tr>
<td>Noren, Laura</td>
<td>038</td>
</tr>
<tr>
<td>Novak, David</td>
<td>023, 044</td>
</tr>
<tr>
<td>Novas, Carlos</td>
<td>033</td>
</tr>
<tr>
<td>Novoszath, Andras</td>
<td>153, 173</td>
</tr>
<tr>
<td>Nowak, Andrzej Wojciech</td>
<td>170</td>
</tr>
<tr>
<td>Nucum, Dinah</td>
<td>215</td>
</tr>
<tr>
<td>Nye, Coleman</td>
<td>227</td>
</tr>
<tr>
<td>Naess, Robert</td>
<td>263</td>
</tr>
<tr>
<td>O'Brien, William</td>
<td>107</td>
</tr>
<tr>
<td>O'Connor, Cliodhna</td>
<td>171</td>
</tr>
<tr>
<td>O'Connor, Jenny</td>
<td>259</td>
</tr>
<tr>
<td>O'Donnell, Casey</td>
<td>133</td>
</tr>
<tr>
<td>O'Keefe, Michael Christopher</td>
<td>155</td>
</tr>
<tr>
<td>O'Riordan, Kate</td>
<td>064</td>
</tr>
<tr>
<td>Oberlin, Kathleen</td>
<td>190</td>
</tr>
<tr>
<td>Obstfelder, Aud</td>
<td>069</td>
</tr>
<tr>
<td>Ohayon, Elan Liss</td>
<td>171, 135</td>
</tr>
<tr>
<td>Okie, Jordan G</td>
<td>179</td>
</tr>
<tr>
<td>Olejaz, Maria</td>
<td>011</td>
</tr>
<tr>
<td>Olesen, Finn</td>
<td>146</td>
</tr>
<tr>
<td>Oliveira, Moisés Alves de</td>
<td>030</td>
</tr>
<tr>
<td>Olsen, Ann J.</td>
<td>241</td>
</tr>
<tr>
<td>Olsen, Lauren Dana</td>
<td>058</td>
</tr>
<tr>
<td>Olsen, Valerie</td>
<td>019</td>
</tr>
<tr>
<td>Onaga, Lisa</td>
<td>068</td>
</tr>
<tr>
<td>Oosterlaken, Ilse</td>
<td>189</td>
</tr>
<tr>
<td>Op't Land, Ray</td>
<td>180</td>
</tr>
<tr>
<td>Ormerod, Kerri Jean</td>
<td>213</td>
</tr>
<tr>
<td>Orne, Jason</td>
<td>130</td>
</tr>
<tr>
<td>Orozco, Melissa</td>
<td>230</td>
</tr>
<tr>
<td>Orr, Jackie</td>
<td>022</td>
</tr>
<tr>
<td>Orsini, Michael</td>
<td>245</td>
</tr>
<tr>
<td>Osada, Neide Mayumi</td>
<td>178</td>
</tr>
<tr>
<td>Osley-Thomas, Robert</td>
<td>128</td>
</tr>
<tr>
<td>Osseo-Asare, Abena Dove</td>
<td>149</td>
</tr>
<tr>
<td>Osseweijer, Patricia</td>
<td>083</td>
</tr>
<tr>
<td>Otsu, Natsuko</td>
<td>187</td>
</tr>
<tr>
<td>Otsuki, Grant Jun</td>
<td>145</td>
</tr>
<tr>
<td>Ottinger, Gwen</td>
<td>221</td>
</tr>
<tr>
<td>Otto, Birke Dorothea</td>
<td>084</td>
</tr>
<tr>
<td>Oudshoorn, Nelly</td>
<td>232</td>
</tr>
<tr>
<td>Oviedo, Katia Milena</td>
<td>052</td>
</tr>
<tr>
<td>Owen, Graham</td>
<td>106</td>
</tr>
<tr>
<td>Owens, Kellie</td>
<td>228</td>
</tr>
<tr>
<td>Oxenfeld, Laura</td>
<td>172</td>
</tr>
<tr>
<td>Ozaki, Ritsuko</td>
<td>259</td>
</tr>
<tr>
<td>Paik, Leslie</td>
<td>202</td>
</tr>
<tr>
<td>Paine, Drew</td>
<td>217</td>
</tr>
<tr>
<td>Pallone de Figueiredo, Simone</td>
<td>070</td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Palm, Jenny</td>
<td>118</td>
</tr>
<tr>
<td>Pandya, Mihir</td>
<td>235</td>
</tr>
<tr>
<td>Panofsky, Aaron</td>
<td>120</td>
</tr>
<tr>
<td>Paradis, Elise</td>
<td>024, 065, 212</td>
</tr>
<tr>
<td>Parady, Katelyn</td>
<td>109</td>
</tr>
<tr>
<td>Parasie, Sylvain</td>
<td>134</td>
</tr>
<tr>
<td>Park, Dongho</td>
<td>235</td>
</tr>
<tr>
<td>Parker, John Nathaniel</td>
<td>144</td>
</tr>
<tr>
<td>Parker, Lindsay</td>
<td>214</td>
</tr>
<tr>
<td>Parmiggiani, Elena</td>
<td>144</td>
</tr>
<tr>
<td>Parrotte, Céline</td>
<td>025</td>
</tr>
<tr>
<td>Parrenas, Rheana (Juno)</td>
<td>158</td>
</tr>
<tr>
<td>Salazar</td>
<td>158</td>
</tr>
<tr>
<td>Parthasarathy, Shobita</td>
<td>257</td>
</tr>
<tr>
<td>Passoth, Jan-Hendrik</td>
<td>127, 150, 170</td>
</tr>
<tr>
<td>Patzkke, Karin</td>
<td>195</td>
</tr>
<tr>
<td>Pavone, Vincenzo</td>
<td>083, 150, 172</td>
</tr>
<tr>
<td>Paxson, Heather</td>
<td>012</td>
</tr>
<tr>
<td>Pear, Rachel Schulder Abrams</td>
<td>078</td>
</tr>
<tr>
<td>Pedersen, David Budtz</td>
<td>126</td>
</tr>
<tr>
<td>Peerbaye, Ashveen</td>
<td>086</td>
</tr>
<tr>
<td>Peissl, Walter</td>
<td>229</td>
</tr>
<tr>
<td>Pellizzoni, Luigi</td>
<td>063, 255</td>
</tr>
<tr>
<td>Pemberton, Lyn</td>
<td>007</td>
</tr>
<tr>
<td>Penkler, Michael</td>
<td>032, 115</td>
</tr>
<tr>
<td>Penny, Simon</td>
<td>085</td>
</tr>
<tr>
<td>Pepinelli, Mateus</td>
<td>070</td>
</tr>
<tr>
<td>Perkins, Kala</td>
<td>163</td>
</tr>
<tr>
<td>Peron, Alcides Eduardo dos Reis</td>
<td>008</td>
</tr>
<tr>
<td>Perrault, Sarah</td>
<td>016</td>
</tr>
<tr>
<td>Pesch, Udo</td>
<td>189</td>
</tr>
<tr>
<td>Petersen, Katrina</td>
<td>039</td>
</tr>
<tr>
<td>Peterson, Sigrid</td>
<td>020</td>
</tr>
<tr>
<td>Peterson, Tarla Rai</td>
<td>200</td>
</tr>
<tr>
<td>Pettersson, Helena</td>
<td>105</td>
</tr>
<tr>
<td>Pettit, Annie</td>
<td>029</td>
</tr>
<tr>
<td>Pfister, Thomas</td>
<td>021</td>
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<tr>
<td>Pflueger, Dane Paul</td>
<td>092</td>
</tr>
<tr>
<td>Phadke, Roopali</td>
<td>199</td>
</tr>
<tr>
<td>Philip, Kavita</td>
<td>161</td>
</tr>
<tr>
<td>Pickersgill, Martyn</td>
<td>137</td>
</tr>
<tr>
<td>Pidgeon, Nick</td>
<td>131</td>
</tr>
<tr>
<td>Pierce, Robin L.</td>
<td>083</td>
</tr>
<tr>
<td>Pijpers, Kevin</td>
<td>215</td>
</tr>
<tr>
<td>Pincetl, Stephanie</td>
<td>193</td>
</tr>
<tr>
<td>Pinch, Trevor</td>
<td>004, 050, 081, 182</td>
</tr>
<tr>
<td>Planko, Julia</td>
<td>242</td>
</tr>
<tr>
<td>Platt, Jody</td>
<td>025, 210</td>
</tr>
<tr>
<td>Platt, Tevah</td>
<td>025, 210</td>
</tr>
<tr>
<td>Plümecke, Tino</td>
<td>129</td>
</tr>
<tr>
<td>Pohjola, Mikko</td>
<td>066</td>
</tr>
<tr>
<td>Pohjola, Pasi Jussi</td>
<td>066, 222</td>
</tr>
<tr>
<td>Poirier, Claire Charlotte</td>
<td>079</td>
</tr>
<tr>
<td>INDICES</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>Pollock, Anne, 169</td>
<td>Regan, Priscilla, 111</td>
</tr>
<tr>
<td>Pontille, David, 180</td>
<td>Rego, Brianna, 128</td>
</tr>
<tr>
<td>Popkema, Marcus, 085</td>
<td>Reinecke, David, 193</td>
</tr>
<tr>
<td>Poster, Winifred, 161, 174</td>
<td>Reinertsen, Hilde, 101</td>
</tr>
<tr>
<td>Poutanen, Seppo, 244, 252</td>
<td>Reite, Ingrid Christine, 030</td>
</tr>
<tr>
<td>Prasad, Amit, 097, 169</td>
<td>Remedios, Francis, 126</td>
</tr>
<tr>
<td>Prato, Matteo, 144</td>
<td>Renninger, Bryce, 231</td>
</tr>
<tr>
<td>Pratt, Susanne, 104</td>
<td>Restrepo Forero, Olga, 127</td>
</tr>
<tr>
<td>Prete, Giovanni, 054</td>
<td>Retsikas, Kostas, 153</td>
</tr>
<tr>
<td>Primeau, Phillip, 060</td>
<td>Reuter, Shelley Zipora, 054</td>
</tr>
<tr>
<td>Puech, Michel, 142</td>
<td>Revet, Sandrine, 018</td>
</tr>
<tr>
<td>Rab-Alam, Sonia, 224</td>
<td>Reymers, Kurt, 241</td>
</tr>
<tr>
<td>Race, Margaret, 163</td>
<td>Reynolds, Daniel, 148</td>
</tr>
<tr>
<td>Raglianti, Felipe, 214</td>
<td>Reynolds, Larry, 215</td>
</tr>
<tr>
<td>Rahder, Micha, 062</td>
<td>Rezzadori, Cristiane Beatriz Dal Bosco, 030</td>
</tr>
<tr>
<td>Rajagopalan, Ramya, 112</td>
<td>Ribeiro, Rodrigo, 009, 230</td>
</tr>
<tr>
<td>Rajão, Raoni, 188</td>
<td>Ribes, David, 108</td>
</tr>
<tr>
<td>Ramos Zincke, Claudio, 120</td>
<td>Richter, Jennifer, 179</td>
</tr>
<tr>
<td>Rangan, Pooja, 148</td>
<td>Rickne, Annika, 147</td>
</tr>
<tr>
<td>Ransom, Elizabeth, 052, 073</td>
<td>Rieder, Gernot, 115</td>
</tr>
<tr>
<td>Rask, Mikko, 046</td>
<td>Rinkevicius, Leonardas, 073</td>
</tr>
<tr>
<td>Ratto, Matthew, 017, 038, 080</td>
<td>Ripplinger, Crystal, 041</td>
</tr>
<tr>
<td>Rawlings, Kelly Campbell, 043</td>
<td>Robert, Magali, 091</td>
</tr>
<tr>
<td>Rayzberg, Margarita, 098</td>
<td>Robinson, Joan H, 141</td>
</tr>
<tr>
<td>Reardon, Jenny, 040</td>
<td>Rodriguez, Libby, 155</td>
</tr>
<tr>
<td>Reddy, Beth, 019</td>
<td>Rodriguez-Medina, Leandro, 252</td>
</tr>
<tr>
<td>Reeves, Scott, 024, 212</td>
<td>Rojas, David Manuel, 079</td>
</tr>
</tbody>
</table>
INDICES

Rollins, Oliver, 224
Rommetveit, Kjetil, 064
Rona-Tas, Akos, 012
Rosa, Maria Arlete, 118
Roscoe, Philip, 136
Rosenberger, Robert, 119, 142
Ross, Sue, 091
Rossignol, Nicolas, 118
Rottenburg, Richard W, 161
Rowland, Nicholas J, 127, 150, 170
Roy, Deboleena, 036
Rubin, David A., 266
Ruckenstein, Minna, 164
Ruffin, Valerie L., 159
Rui, Lu, 265
Ruppert, Evelyn, 124, 150
Ryghaug, Marianne, 077, 263
Ryghaug, Marianne, 056
Sabharwal, Meghna, 218
Sadowski, Jathan, 043
Sakellariou, Nicholas, 258
Sakura, Osamu, 068, 187
Saldivar, Laura, 073
Salles-Filho, Sergio Luiz Monteiro, 185
Salonius, Annalisa, 218
Samuels-Aidoo, Fallon, 098, 207
Sands, Ashley, 067
Santiago, Elvira, 083, 150
Santos, Vinicius Wagner Oliveira, 206
Santoso, Stephanie, 071
Sanz, Veronica, 231
Sanz-Menendez, Luis, 146
Sarathchandra, Dilshani, 009
Sarkar, Bhaskar, 148
Sasser, Jade, 166
Sassower, Raphael, 115
Sato, Kyoko, 197
Sato, Yasushi, 218
Satterfield, Terre, 131
Sauerwein, Robert W, 210
Savoie, Patrick, 099
Schadler, Cornelia, 223
Schaffer, Guy, 077
Scharff, Robert, 119
Schikowitz, Andrea, 115
Schmid, Sonja, 186
Schmidt, Jeremy J, 104
Schmidt-Pfister, Diana, 041, 065, 190
Schnapp, Jeffrey, 080
Schneider, Joseph William, 054
Schneider, Tanja, 113
Schrader, Astrid, 091
Schroeter, Jens, 082
<table>
<thead>
<tr>
<th>INDICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schuh, Daniela, 141</td>
</tr>
<tr>
<td>Schull, Natasha Dow, 014, 035, 164</td>
</tr>
<tr>
<td>Schumann, Simone, 012, 115</td>
</tr>
<tr>
<td>Schwartz, Jason L, 074</td>
</tr>
<tr>
<td>Schwartz Marin, Ernesto, 176</td>
</tr>
<tr>
<td>Schwartzman, Luisa Farah, 127</td>
</tr>
<tr>
<td>Schwarz, Elizabeth, 101</td>
</tr>
<tr>
<td>Schönbauer, Sarah Maria, 214</td>
</tr>
<tr>
<td>Scroggins, Michael, 028</td>
</tr>
<tr>
<td>Seager, Thomas, 066</td>
</tr>
<tr>
<td>Seaver, Nicholas, 102</td>
</tr>
<tr>
<td>Seberger, John Sidney, 082, 086</td>
</tr>
<tr>
<td>Seijo, Gustavo L., 250</td>
</tr>
<tr>
<td>Sekiya, Sho, 146, 244</td>
</tr>
<tr>
<td>Selin, Cynthia, 043</td>
</tr>
<tr>
<td>Selinger, Evan, 066</td>
</tr>
<tr>
<td>Semendeferi, Ioanna, 236</td>
</tr>
<tr>
<td>Sengers, Phoebe, 014, 035, 204</td>
</tr>
<tr>
<td>Senier, Laura, 130</td>
</tr>
<tr>
<td>Serlin, David, 190</td>
</tr>
<tr>
<td>Shamasunder, Bhavna, 132</td>
</tr>
<tr>
<td>Shankar, Kalpana, 099</td>
</tr>
<tr>
<td>Shaprio, Nick, 109</td>
</tr>
<tr>
<td>Sharp, Lesley A., 028</td>
</tr>
<tr>
<td>Shaver, Chris, 065</td>
</tr>
<tr>
<td>Shaw, Debra, 248</td>
</tr>
<tr>
<td>Sheble, Laura, 098</td>
</tr>
<tr>
<td>Shelby, Ryan, 258</td>
</tr>
<tr>
<td>Sheldon, Myrna Perez, 078</td>
</tr>
<tr>
<td>Sherman, Jamie, 124</td>
</tr>
<tr>
<td>Shih, Li-Wen, 045</td>
</tr>
<tr>
<td>Shineha, Ryuma, 044, 068</td>
</tr>
<tr>
<td>Shoffstall, Grant, 172</td>
</tr>
<tr>
<td>Shrum, Wesley, 002, 003, 067, 081, 094, 149</td>
</tr>
<tr>
<td>Shwed, Uri, 157</td>
</tr>
<tr>
<td>Siles, Ignacio, 154</td>
</tr>
<tr>
<td>Simmons, Sam, 081</td>
</tr>
<tr>
<td>Sims, Benjamin, 193, 213, 235</td>
</tr>
<tr>
<td>Sims, Christo, 174</td>
</tr>
<tr>
<td>Singh, Jennifer, 245</td>
</tr>
<tr>
<td>Sismondo, Sergio, 136, 225</td>
</tr>
<tr>
<td>Sivakumar, Niranjan, 185</td>
</tr>
<tr>
<td>Skjølsvold, Tomas Moe, 242</td>
</tr>
<tr>
<td>Skrydstrup, Martin, 010</td>
</tr>
<tr>
<td>Slayton, Rebecca, 200</td>
</tr>
<tr>
<td>Slota, Steve, 086</td>
</tr>
<tr>
<td>Smiley, Sam, 085</td>
</tr>
<tr>
<td>Smith, Glen, 191</td>
</tr>
<tr>
<td>Smith, Harrison, 111</td>
</tr>
<tr>
<td>Smith, Jessi L., 089, 203</td>
</tr>
<tr>
<td>Smith, Karen Louise, 047</td>
</tr>
<tr>
<td>Smith-Doerr, Laurel, 049, 144</td>
</tr>
<tr>
<td>Snyder, Jaime, 008</td>
</tr>
<tr>
<td>Soliman, Sara, 220</td>
</tr>
<tr>
<td>Solis, Miriam, 207</td>
</tr>
<tr>
<td>Solli, Jøran, 077</td>
</tr>
<tr>
<td>Name</td>
</tr>
<tr>
<td>---------------------------</td>
</tr>
<tr>
<td>Solli, Jøran</td>
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<tr>
<td>Solomon, Harris</td>
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<td>Southwick, Dan</td>
</tr>
<tr>
<td>Srinivasan, Janaki</td>
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<tr>
<td>Stark, Luke</td>
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<tr>
<td>Starosielski, Nicole</td>
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<tr>
<td>Starshinina, Anna</td>
</tr>
<tr>
<td>Stascheit, Andreas Georg</td>
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<tr>
<td>Stefanos, Sarah</td>
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<tr>
<td>Steinhardt, Stephanie Beth</td>
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<tr>
<td>Stephen, Andrew</td>
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<tr>
<td>Stephens, Jennie C.</td>
</tr>
<tr>
<td>Stephens, Neil</td>
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<tr>
<td>Sterne, Jonathan</td>
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<tr>
<td>Sternsdorff-Cisterna</td>
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<td>Stevenson, Darren M.</td>
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<td>Stewart, Michelle</td>
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<td>Stone, David</td>
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<td>Strandgaard, Lone Bak</td>
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<td>Strixino, Susana Trivinho</td>
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<td>Stücklin, Nicholas</td>
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<td>Subramaniam, Banu</td>
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<td>Suchman, Lucy</td>
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<td>Sugita, Kazuma</td>
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<td>Summerton, Jane</td>
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<td>Sunder Rajan, Kaushik</td>
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<td>Sunderland, Mary</td>
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<td>Sundqvist, Goran</td>
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<td>Suomela, Todd</td>
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<td>Supper, Alexandra</td>
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<tr>
<td>Suri, Mudita</td>
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<tr>
<td>Suzuki, Wakana</td>
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<tr>
<td>Svačina, Karel</td>
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<tr>
<td>Sylvester, Nicole Miya</td>
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<tr>
<td>Szerszynski, Bron</td>
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<tr>
<td>Sánchez Vargas, Derly Yohanna</td>
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<tr>
<td>Sørensen, Knut H.</td>
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<tr>
<td>Taebi, Behnam</td>
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<tr>
<td>Takahashi, Takeshi</td>
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<td>Takeshita, Chikako</td>
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<td>Takhteyev, Yuri V</td>
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<tr>
<td>TallBear, Kim</td>
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<td>Tamamura, Masatoshi</td>
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<tr>
<td>Tamarkin, Noah</td>
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<tr>
<td>Tamminen, Sakari</td>
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<tr>
<td>Tanaka, Akashi</td>
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<td>Tanaka, Mikihito</td>
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<td>Tang, Xiaofeng</td>
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<td>Tantchou, Josiane</td>
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<tr>
<td>Tatar, Bradley</td>
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<tr>
<td>Teixeira, Márcia de Oliveira</td>
</tr>
<tr>
<td>Terrell, Jennifer</td>
</tr>
<tr>
<td>Thakor, Mitali</td>
</tr>
<tr>
<td>INDICES</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Thiel, Daniel, 025, 210</td>
</tr>
<tr>
<td>Thierry, Rayna, 198</td>
</tr>
<tr>
<td>Thille, Patricia, 052</td>
</tr>
<tr>
<td>Thoman, Dustin B., 203</td>
</tr>
<tr>
<td>Thorpe, Charles, 236</td>
</tr>
<tr>
<td>Till, Christopher, 130</td>
</tr>
<tr>
<td>Timmermans, Stefan, 232</td>
</tr>
<tr>
<td>Tironi, Manuel, 121, 170</td>
</tr>
<tr>
<td>Tironi, Martin, 239</td>
</tr>
<tr>
<td>Tiwari, Shashank Shekhar, 169</td>
</tr>
<tr>
<td>Toikka, Arho, 021</td>
</tr>
<tr>
<td>Tolwinski, Kasia Eve, 227</td>
</tr>
<tr>
<td>Torny, Didier, 057, 180</td>
</tr>
<tr>
<td>Townsend, Clarence, 215</td>
</tr>
<tr>
<td>Traweek, Sharon, 067, 122, 192</td>
</tr>
<tr>
<td>Trespeuch, Marie, 061</td>
</tr>
<tr>
<td>Tromble, Meredith, 031</td>
</tr>
<tr>
<td>Tsai, Yuyueh, 114</td>
</tr>
<tr>
<td>Tseng, Fan Tzu, 158</td>
</tr>
<tr>
<td>Tsuge, Azumi, 227</td>
</tr>
<tr>
<td>Tu, Wen-Ling, 115</td>
</tr>
<tr>
<td>Tuomisto, Jouni, 066</td>
</tr>
<tr>
<td>Tupasela, Aaro, 037</td>
</tr>
<tr>
<td>Turcanu, Catrinel, 118</td>
</tr>
<tr>
<td>Turner, Fred, 154, 204</td>
</tr>
<tr>
<td>Turner, Hannah, 138</td>
</tr>
<tr>
<td>Turner, Stephen, 061</td>
</tr>
<tr>
<td>Tutton, Richard, 139, 215</td>
</tr>
<tr>
<td>Tuunainen, Juha, 143</td>
</tr>
<tr>
<td>Tveiterås, Kathrine, 096</td>
</tr>
<tr>
<td>Uchida, Marika, 187</td>
</tr>
<tr>
<td>Uemura, Saho, 032</td>
</tr>
<tr>
<td>Ueno, Nobuko, 198</td>
</tr>
<tr>
<td>Uhl, Russell, 066</td>
</tr>
<tr>
<td>Underman, Kelly, 123, 260</td>
</tr>
<tr>
<td>Uribe, Carolina, 230</td>
</tr>
<tr>
<td>Valderrama Pineda, Andrés Felipe, 181</td>
</tr>
<tr>
<td>Valdez, Natali, 074</td>
</tr>
<tr>
<td>Valle, Silvio, 070</td>
</tr>
<tr>
<td>Van Den Eede, Yoni, 164</td>
</tr>
<tr>
<td>van der Werf Kulichova, Zuzana, 083</td>
</tr>
<tr>
<td>van Diepen-Hedayat, Anandi, 115</td>
</tr>
<tr>
<td>van Doren, Davy, 219</td>
</tr>
<tr>
<td>van Leeuwen, Thed, 092</td>
</tr>
<tr>
<td>Van Tiem, Jennifer, 028</td>
</tr>
<tr>
<td>Vardi, Itai, 144</td>
</tr>
<tr>
<td>Vardy, Mark, 010</td>
</tr>
<tr>
<td>Varguez, Milagros, 070, 203</td>
</tr>
<tr>
<td>Varma, Roli, 218</td>
</tr>
<tr>
<td>Vaughan, Diane, 194</td>
</tr>
<tr>
<td>Vaughan, Tyson, 192</td>
</tr>
<tr>
<td>Veloso, Luísa, 196</td>
</tr>
<tr>
<td>INDICES</td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>Venkat, Bharat Jayram, 251</td>
</tr>
<tr>
<td>Vermeulen, Niki, 092</td>
</tr>
<tr>
<td>Vertesi, Janet, 050, 108</td>
</tr>
<tr>
<td>Vicentin, Diego, 212</td>
</tr>
<tr>
<td>Vidal, Frédéric, 196</td>
</tr>
<tr>
<td>Vieira, Miguel Said, 061</td>
</tr>
<tr>
<td>Vinson, Alexandra, 061, 089</td>
</tr>
<tr>
<td>Viseu, Ana, 164</td>
</tr>
<tr>
<td>Vogel, Kathleen M, 186</td>
</tr>
<tr>
<td>Vogt, Carlos, 070</td>
</tr>
<tr>
<td>Vollmer, Hans, 084</td>
</tr>
<tr>
<td>Volmar, Axel, 082</td>
</tr>
<tr>
<td>Von Reyn, Jessica, 130</td>
</tr>
<tr>
<td>Wadmann, Sarah, 160</td>
</tr>
<tr>
<td>Wagner, Izabela, 105</td>
</tr>
<tr>
<td>Waidzunas, Tom, 175</td>
</tr>
<tr>
<td>Waidzunas, Tom, 175</td>
</tr>
<tr>
<td>Walford, Antonia Caitlin, 010</td>
</tr>
<tr>
<td>Walker, Brett, 168</td>
</tr>
<tr>
<td>Wallenburg, Iris, 092</td>
</tr>
<tr>
<td>Wallsten, Björn, 055</td>
</tr>
<tr>
<td>Walsh, Casey, 073</td>
</tr>
<tr>
<td>Walsh, John P, 007</td>
</tr>
<tr>
<td>Walters, Mark Edward, 060</td>
</tr>
<tr>
<td>Wanderer, Emily Mannix, 070</td>
</tr>
<tr>
<td>Wang, Chadwick, 262</td>
</tr>
<tr>
<td>Wang, Chadwick, 007, 037, 262</td>
</tr>
<tr>
<td>Wang, Luhao, 037</td>
</tr>
<tr>
<td>Name</td>
</tr>
<tr>
<td>-----------------------------</td>
</tr>
<tr>
<td>Wilson, Elizabeth</td>
</tr>
<tr>
<td>Wiltse, Heather</td>
</tr>
<tr>
<td>Wimmer, Mario</td>
</tr>
<tr>
<td>Windle, Amanda Nita</td>
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<tr>
<td>Winickoff, David</td>
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<tr>
<td>Wolffram, Andrea</td>
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<tr>
<td>Won, Chuyoung</td>
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<td>Wong, Yu-Feng</td>
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<td>Wood, Christine Virginia</td>
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<td>Woods, Nathan</td>
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<tr>
<td>Worthington, Rick</td>
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<tr>
<td>Wu, Chia-Ling</td>
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<td>Wylie, Sara</td>
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<td>Wynne, Brian</td>
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<td>Xia, Xue</td>
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<tr>
<td>Xinyan, Lian</td>
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<td>Xu, Siyan</td>
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<tr>
<td>Yamaguchi, Tomiko</td>
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<td>Yamanaka, Hiroshi</td>
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<tr>
<td>Yamano, Naoki</td>
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<td>Yan, Hongxiu</td>
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<td>Yang, Qingfeng</td>
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<td>Yeo, ShinJoung</td>
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<td>Zabban, Vinciane</td>
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<tr>
<td>Zacharias, Kari</td>
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<td>Zacher, Lydia</td>
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<td>Zanin, Maria</td>
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<td>Zazworsky, Lisa</td>
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<td>Zehr, Stephen</td>
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<td>Zeitoum, Camila</td>
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<td>Zemnukhova, Lilliia</td>
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<td>Zeng, Guo-ping</td>
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<td>Zengpeng, Wang</td>
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<td>Zhang, Han</td>
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<td>Zheng, Kailun</td>
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<td>Ziewitz, Malte</td>
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<tr>
<td>Zimmermann, Basile</td>
</tr>
<tr>
<td>Zink, Eren</td>
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<tr>
<td>Zukosky, Michael Lee</td>
</tr>
<tr>
<td>Zunjarwad, Renu Madhav</td>
</tr>
</tbody>
</table>
Subject Index


**Economics / Market Studies:** 007, 008, 020, 021, 030, 033, 037, 056, 057, 061, 074, 082, 090, 091, 096, 120, 127, 128, 130, 146, 153, 158, 172, 173, 178, 185, 198, 199, 201, 203, 209, 214, 237, 238, 239, 242, 244, 250, 254, 265, 267

**Energy / Nuclear Power:** 018, 021, 023, 025, 032, 039, 042, 044, 046, 056, 063, 068, 077, 090, 118, 122, 128, 149, 179, 189, 196, 197, 199, 200, 206, 207, 216, 219, 236, 241, 242, 252, 253, 262, 263

**Engineering:** 009, 010, 019, 021, 025, 038, 041, 056, 059, 060, 067, 069, 082, 089, 100, 101, 128, 132, 144, 145, 155, 179, 180, 181, 196, 203, 204, 220, 227, 230, 233, 242, 249, 250, 258


**Food:** 012, 033, 034, 057, 073, 077, 081, 087, 090, 113, 178, 188, 193, 198, 213, 235, 251

**Gender Studies:** 008, 013, 020, 024, 034, 036, 038, 041, 045, 054,
| Science, Technology, and Public Policy: 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 018, 020, 021, 023, 024, 025, 028, 030,
INDICES


Restaurants at the Town and Country:

Sunshine Deli: Open from 7am-7pm. For the individual on the go or pick up and eat in the setting of your choice. Grab your Starbucks coffee on the run.

Terrace Café: Open from 6am-8pm (Breakfast buffet from 6am-10am). A bright and cheery coffee shop serving breakfast, lunch and dinner.

Charlie’s: Opens daily 11am to close. A fun sports bar that serves from nachos to pizza and everything in between. Has giant screen TV’s, pool tables, and video games. 10 Beer Taps featuring some of San Diego’s great craft beers.

Trellises Garden Grille: Open 7am-11am for breakfast, 11am-5pm for lunch, and 5pm-close for dinner (except Sundays). This menu will appeal to every individual. Try the poolside patio dining and enjoy our California Fresh menu. Reservations are accepted.

Restaurants in Mission Valley:


California Pizza Kitchen (Gourmet Pizza/Italian): A
family style restaurant specializing in personal gourmet pizzas. Located in the Fashion Valley Mall behind the Royal Palm Tower. (619) 298-4078. Lunch and Dinner. $$

Cheesecake Factory (multi-continental): Serves various dishes from American to Chinese, with over 30 different kinds of cheesecake to choose from. Located in the Fashion Valley Mall. (619) 683-2800. Lunch and Dinner. $-$$

Dave & Busters (American): An entertainment hotspot with the latest video arcade, pool tables and great food. 2931 Camino Del Rio North. (619) 280-7115. Lunch and Dinner. $-$. (Games approx. $2 per play.)

Gordon Biersch (Micro-Brewery): Besides making their own beer, this restaurant now specializes in Pacific Rim inspired cuisines. 5010 Mission Center Rd. (619) 688-1120. *Reservations suggested. $-$$

Hunters Steak House (Steak/Seafood): A very unique ambiance and superb quality for the price. 2445 Hotel Circle Place. (619) 291-8074. Lunch and Dinner. *Res. $$-$$$ 

King’s Fish House (Seafood): Best Seafood Family Restaurant in San Diego. Cannot be matched in price, quality or service. 825 Camino De La Reina. (619) 574-1230. Lunch and Dinner. *Reservations suggested.
Patio/Outdoor Smoking. $$-$$$$

On The Border (Tex Mexican Café): Tortilla Soup and Sangria-Margarita are a must at this place. Great Happy Hour. 1770 Camino De La Reina. (619) 209-3700. Lunch and Dinner. *Reservations suggested. Patio/Outdoor Smoking. $$-$$$$

P.F. Chang’s (Chinese Bistro): A trendy place with great traditional Chinese food located in the Fashion Valley Mall. (619) 260-8484. Lunch and Dinner. $$-$$$$

Maria Maria (Mexican): Named after Carlos Santana’s Grammy winning song, this place is full of sizzling signature dishes. 1370 Frazee Rd. (619) 574-6800. Lunch and Dinner. *Res. $$-$$$$

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T.G.I.Friday’s (American): With a Jack Daniel’s menu that keep everyone coming back for a good time. Fun and family friendly. 403 Camino Del Rio South. (619)
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Old Town Mining Company (Steakhouse): Traditional Steakhouse and Saloon with a casual touch, serving breakfast 7 days a week. Great Happy Hour and Lunch Specials. 2543 Congress St. (619) 220-0101. Breakfast-Dinner. $$

Restaurants in Hillcrest:

Mr. A’s: With expansive views of Downtown and Pacific Beach, Mr. A’s offers a memorable fine dining experience. The menu is French as well as a variety of traditional choices. 2550 Fifth Ave. Twelfth Floor. (619) 239-1377. *Reservations. Dinner. $$$$$

Hash House a Go Go (American): Award winning restaurant for “Best Breakfast” in San Diego since 2000, a must visit for everything from eggs benedict to duck mac and cheese. 3628 Fifth Ave. (619) 298-4646. Breakfast-Dinner. $$-$$$$
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Ethnografilm solicits submissions in four categories: academic, academic short, documentary, & documentary short (shorts defined as under 10 minutes). Academic films are generally those in which a scholar has a principal role such as editor, director, or producer. Please contact the festival manager if there are questions. Ethnografilm makes no distinction by career stage and particularly solicits films by students. For more information, visit http://ethnografilm.com.
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