

Science, Technology & Gender: Challenges & Opportunities University of Waterloo; Hagey Hall

Sunday August 10

8-9: Registration & Light Breakfast, Don Craig Atrium, Hagey Hall (HH)

9-9:30: Opening Remarks (1101 HH)

Welcome by University of Waterloo President, Dr. Feridun Hamdullahpur

9:30-12: CSWIP Plenary Session (1101 HH)

*Presentation of the 2014 Jean Harvey Award for Outstanding Paper
by a Graduate Student to:*

*C. Shaheen Moosa (PhD Candidate, Philosophy, Pennsylvania State University) for paper
entitled "Responsibility for Climate Change: The Problem of Systemic Contributors"*

Epistemological Tyrannies, Scientific Imperialism & Feminist Paths (Chair: C.Hundleby)

The Tyranny of Certainty (L.Code)

Scientific Imperialism & Feminist Epistemology (K.Rolin)

Feminist Epistemology Going Forward (P.Rooney)

12-1: Lunch together in the Festival Room, South Campus Hall

Courtesy of the University of Waterloo Faculty of Engineering

1-2: CSWIP Business Meeting (1101 HH)

2-4: Concurrent Sessions I

Room A: Education, Policy & Practice (1101 HH)

Science Wise: Education & Expertise (Chair: T.Branch-Smith)

Patience, Bonds & the Small Scale: Thinking with Students About Science (A.Mudde)

The Epigenetic Case: Opportunities, Challenges & Resistances for Feminist Science
Studies (S.Schmitz)

Transdisciplinary Collaboration & Critical Contextual Empiricism (J.Michaud)

Room B: Feminist Thinking across the Disciplines (1102 HH)
**Fracking the Reservation: Interdisciplinary Development of
An Undergraduate Case Study** (Chair: C.Murphy)

(C.Murphy, S.Lindaas, S.Anderson, A.Wallace, K.Lucero, W.Oxendahl)
An interdisciplinary team of faculty and students from biology, philosophy, physics, and women's and gender studies examining the process of collaboration, defining higher order learning outcomes and developing an awareness of environmental justice issues in the context of teaching about science. The workshop will involve explanation and discussion as well as some activities that simulate portions of the case study.

Room C: Responsibility, Testimony & Ignorance (1104 HH)
Conditions for Knowledge (Chair: N.McHugh)

Epistemic Injustice in Global Development (A.Malavisi)
Toward An Understanding of Material Culture in Moral Relationships (T.Chackal)

Room D: Her Science, Her Technology (1106 HH)

Objectivity & Feminist Research: A Comparative Exploration in Knowledge Cultures
(Chair: S.Clough)

Philosophers & Water Spaniels: Lessons in Objectivity and Ignorance (J.Dryden)
Class and Objectivity: How Feminism Got Lost on the Way to 'Critical Urban Studies'
(L.Kern)
Where Does Feminism Fit in a Biopsychosocial Approach to Sexual Behavior? (L.D.
Hamilton)

Room E: Politics of Knowledge (1108 HH)

Cycles of Life (Chair: S.Berkhout)

Mourning Sickness: The Politicizations of Grief (L.Granek)
Commercial Surrogacy & the Capabilities Approach (J.Sewell)

4-4:30 Beverages & Snacks

4:30-6:30 Concurrent Sessions II

Room A: Education, Policy & Practice (1101 HH)

**Leaps and Bounds: Integrating Gender, Sex, and Feminism in Biomedical & Bioscience
Policy and Practice** (Chair: A.Garry)

(S.Ritz, Z.Sharman, S.van Anders)

An integrated panel discussion: We will discuss how – and if – we draw boundaries between gender and sex, how to raise awareness and understanding of these constructs without overemphasizing or eliding difference, and practical considerations about how to translate our theorizing about sex/gender into our research practice and policy.

Room B: Feminist Thinking across the Disciplines (1102 HH)

Transforming Thought (Chair: P.Blouw)

Crossfit, Five Fingers & Red Bull: The Science, Somaesthetics & Style of Athletic Skill
(B.Macmillan)

How Philosophers Can Help: Responsibility, Causality, and Social Inequality (R.Zheng)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Speaking Up (Chair: R.McKinney)

Attempting to Create Equitable Organizations & Institutions: Backfiring, Backlash &
Retaliation (P.Desautels)

“Prehomosexual Behavior”: LGBT Oppression & the Public Uptake of Scientific Research
(N.Liebow)

Speaking from the Margins: The Pragmatics of Pseudonyms in Peripheral Speech
(C.Herbert)

Room D: Her Science, Her Technology (1106 HH)

Empowering Foucault (Chair: D.Drecun)

Interspecies Rape: Sexual Ethics and Other Animals (C.Taylor)

Race and Assisted Reproduction in a Neo-Liberal Era (C.Russell)

Materiality and Subjectivity in a Genealogy of the Disabled (Feminist) Subject
(S.Tremain)

Room E: Politics of Knowledge (1108 HH)

Embodied Narratives (Chair: M.Silk)

Embodied Imagination, Feminist Autonomy & the Phenomenology of Perception
(K.Rodier)

Telling Tales: Constrictive Narratives (R.Tikku)

Technology & Narratives of Continuity in Trans Experiences (A.Billingsley)

7-10: Banquet, Walper Hotel (Transportation provided: Banquet attendees are invited to gather in the Don Craig Atrium of Hagey Hall at **6:45** for a short walk to buses that will transport us to the Walper)

Monday August 11

8:30-9: Beverages & Light Breakfast

9-11: Concurrent Sessions III

Room A: Education, Policy & Practice (1101 HH)

Academic Gatekeeping:

Feminist Epistemology in Textbooks & Tenure/Promotion (Chair: C.Murphy)

The Fate of Feminism in Evolution: A Case Study (L.Fuselier, J.K.Jackson & R.Stoiko)

Faculty Perceptions of the Promotion & Tenure Process: Exploring Similarities & Differences across Low & High Consensus Disciplines (M.Latimer, J.K.Jackson & R.Stoiko)

Promotion and Tenure Documents: A Comparison of How Low & High Consensus Disciplines Define Standards (J.K.Jackson, M. Latimer & R.Stoiko)

Room B: Feminist Thinking across the Disciplines (1102 HH)

Who's that Grrrr! Media Roles (Chair: S.Weaver)

Choose your Character: Video-Games & Gender (T.Branch-Smith)

"Mom to Mom": The Social Support Role of Online Advice on a Social Networking Site for Mothers (B.Valtchanov, D.Parry, T.Glover & C.Mulcahy)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Not to be Ignored (Chair: A.Mudde)

Epistemologies of Ignorance & Interdisciplinary Research (C.Gonnerman, E.Jensen, K.Marable, M.O'Rourke, E.Sertler & Z. Piso)

The Value of Valuing Ignorance (S.Copeland)

Paving the Way for a Unified Account of Ignorance (L.Woomer)

Room D: Her Science, Her Technology (105 AL)

Intersectionality, Activism & Methodology (Chair: A.Garry)

Dilemmas of the Feminist Empiricist: Intersectionality & Small Samples in Quantitative Research (S.Shields)

Intersectional Intents & Effects in Medico-scientific Direct Action (A.Shotwell)

Where Intersectionality Meets Biology: Rethinking the Eating Disordered Body (A.Butchart)

Room E: Politics of Knowledge (124 AL)

Violence & Transformation (Chair: A.MacLachlan)

Epistemologies of Ignorance & Sexual Violence (S. Miller)

Are Imposed Cesareans Institutionalized Torture? (S.Gavrell)

The Moral Significance of Gestation: Parental Rights (L. Porter)

11-11:30: Beverages & Snacks

11:30-1:30: Concurrent Sessions IV

Room A: Education, Policy & Practice (1101 HH)

Making Sex (Chair: S.Weaver)

Going All the Way & Where Is That? A Reflection on Real Sex (A.Sisko)

Dark Desires: Feminism, New Media & Women's Consumption of Pornographic Materials (T.P.Light & D.Parry)

Room B: Feminist Thinking across the Disciplines (1102 HH)

Oozing Technologies: Toward Technology as Feminist Methodology (Chair: J.Sewell)

Retweets Are Not Endorsements, or Ethical Uncertainties in Social Media Research (V.Novoselova)

Cuntal Representations & the DIY Craft Technologies: An Etsian Reading (E.Przybylo and S. Rodrigues)

Shooting Theory – An Accident of Fast Feminism (S.Bell)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

What She Said: Testimonial Injustice (Chair: S.Tremain)

Testimonial Injustice, Cultural Imperialism, and Epistemic Responsibility (N.Daukas)

Epistemic Injustice & Responsible Trust in Science (H.Grasswick)

Extracted Speech & Epistemic Injustice (R.McKinney)

Room D: Her Science, Her Technology (105 AL)

Point-Standpoint (Chair: J.Michaud)

A Century of Searching for Sex/gender Differences in the Corpus Callosum (V.Bentley)

Feminist Allyship & Situated Knowledge (B.Almassi)

The Philosophy of Science of Georg Lukács and How it Helps to Extend Standpoint Theory to the Physical Sciences (A.Kovacs)

Room E: Politics of Knowledge (124 AL)

Oppression, Solidarity, Resistance & Love:

A Philosophical Celebration of Jean Harvey (Chair: A.Shotwell)

'Civilized Oppression' in a Global Context (C.Koggel)

Self-Respect, Self-Identity & Resisting Oppression (C.Hay)

The Wonder & Demands of Jean Harvey's Committed Love Approach to Companion Animals (K.Wayne)

Solidarity & Gratitude: Moral Relations between Privileged & Oppressed (A.MacLachlan)

1:30-2:30: Lunch together in the Festival Room, South Campus Hall

Courtesy of the University of Waterloo Faculty of Arts

2:30-5: FEMMSS Plenary Session (1101 HH)

Welcome by University of Waterloo, Department of Philosophy Chair, Dr. David DeVidi

Moving Beyond “Add Others & Stir”:

Feminist Postcolonial Science & Technology Studies (Chair: N.McHugh)

Decolonizing Innovation: Patent Law as Technique of Governmentality & Whiteness
(L.Foster)

After Mr. Nowhere: New Proper Scientific Subjects (S.Harding)

(Re)Turning to Materiality: Moments of Shared Perplexity for Feminist & Postcolonial STS
(D.Roy)

Transacting Nature & Nurture: The Case of Surrogacy in Postcolonial India
(B.Subramaniam)

5-7: Reception & Poster Session Don Craig Atrium, Hagey Hall

Courtesy of University of Waterloo, Office of the Vice-President University
Research

Tuesday August 12

8:30-9: Beverages & Light Breakfast

9-11: Concurrent Sessions V

Room A: Education, Policy & Practice (1101 HH)

Playing with (Epistemic) Power: A Workshop on Critical Scientific Literacy for Feminists

(A.Willey & S.Giordano)

Participants will learn and practice using critical science literacy skills to explain how we know what we know in ways that blur the line between critique and knowledge production.

Room B: Feminist Thinking across the Disciplines (1102 HH)

Changing Our Minds (Chair: V.Bentley)

Is Demedicalization Possible?: Metaphysical Concerns for Resistance in Healthcare
(B.Decoster)

Against Kairos: the Quiet Revolution of Polymerase Chain Reaction (V.Itaas)

Science-Based Policy as Interdisciplinary Inquiry (M.Brown & J.Havstad)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Being Heard (Chair: S.Devries)

Resonant Phenomenon: Mutual Mentoring for Isolated Feminists (B.L.Whitten)

Semantic Externalism & Social Power Dynamics (D.Anderson)

Room D: Her Science, Her Technology (1106 HH)

Of Woman Birthing (Chair: N.Najand)

Sex Essentialism & American Law (M.C.Bell)

Context Matters: Epigenetics & the Maternal Body (N.Turrin)

Room E: Politics of Knowledge (1108 HH)

Our Faithfulness to the Past:

Sue Campbell on Memory, Ethics, and Politics (Chair: C.Koggel)

What is "good" or "successful" remembering? Campbell considers how others who share our pasts and their recollection influence our remembrance, and enable rather than distort the shaping and reshaping of identities.

Making Epistemologists (& a Few Others) Nervous (R. Jacobsen)

Removing Memories from the Record: On the Proposed Destruction of Testimony from Survivors of Canada's Residential Schools (J.Epp)

On Learning from Our Past (M.Doan)

11-11:30: Beverages & Snacks

11:30-1:30: Concurrent Sessions VI

Room A: Education, Policy & Practice (1101 HH)

What Do We Know? Public Understanding (Chair: R.McKinney)

Science and Mrs. Sanger: Boundary Objects of Demography (C.McCann)

Anxious Naturecultures: Biosociality in Personal Genomics and Donor Sibling Registries (S.Calvert)

Feminist Science Studies: Reasoning from Cases (S.Crasnow)

Room B: Feminist Thinking across the Disciplines (1102 HH)

A Feminist Approach to Facilitating Interdisciplinary Collaboration:

Re-evaluating the Toolbox Project (Chair: J.Jordan)

Philosophical Facilitation of Interdisciplinary Research (S.Crowley)

Relational Communication in Toolbox Dialogues (L.Rotschy)

Taking a Feminist Approach to the Toolbox Project (K.Plaisance)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Communing with Nature (Chair: D.McChesney)

Knowing Nature Responsibly: Ecological Thinking and the Trouble with Encounter (B.Schueneman)

Against Fantasy Physics: Toward a Relational Ontology (N.Scheman)

"Poethics of Love" as Feminist Methodology in Luce Irigaray and Donna Haraway (M.Toye)

Room D: Her Science, Her Technology (1106 HH)

Neurofeminisms (Chair: tba)

Hardwired for Prejudice? A Neuro-ethical Account of Perceptual Preference (S.Devries)
Observing Biological Difference: A Meta-Analysis of the Standardization of the Female-mammal's Receptive Mating Posture (R.Weitzenkorn)

Room E: Politics of Knowledge (1108 HH)

Book Panel: Sarah Richardson's *Sex Itself* (Chair: L.Meynell/C.Hundleby)

Tracking the emergence of a new and distinctive way of thinking about sex represented by the unalterable, simple, and visually compelling binary of the X and Y chromosomes, Sex Itself examines the interaction between cultural gender norms and genetic theories of sex from the beginning of the twentieth century to the present, postgenomic age.

Commentators: K.Okruhlik, B.Subramaniam, M.Howes. C.Clune-Taylor

Respondent: S.Richardson

1:30-2:30: Lunch on your own (see bottom for lunch places on campus)*

2:30-3:30: FEMMSS Business Meeting (1101 HH)

3:30-5:30: Concurrent Sessions VII

Room A: Education, Policy & Practice (1101 HH)

Whose Technology? (Chair: P.Blouw)

Gender, Technology, and the Posthuman (D.Weiss)

Towards a Science-Based Policy for Breast Cancer: A Taxonomy of Problems and Prospects (J.Kourany & M.Fernández Pinto)

Room B: Feminist Thinking across the Disciplines (1102 HH)

Bias & Beyond (Chair: S.Weaver)

Scientific Consensus (M.Pham)

Research Under Suspicion: Three Scientific Programs at Risk for Implicit Bias & Stereotype Threat (R.Sample)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Says Who? (Chair: M.Silk)

Diversity, "Objectivity," and the History of Science: Feminist Philosophy & the Evolution of Methodology (D. Shapiro)

"Do We Really Want to ask Grandma What She Thinks?" (G.Pohlhaus)

Memory, Identity & Hermeneutical Injustice: The Roots of Enduring Injustice for Blacks (K.Videchak)

Room D: Media Training Workshop (1106 HH)

Do you have research that the public needs to know about, but don't know how to get your message to them? Do you turn away reporters because you don't know how to

handle an interview? Are you ready to become a "public intellectual," but not sure how to start?

Dave Saldana is an Emmy Award-winning journalist with more than two decades' experience in broadcast, print, and online reporting. He will share his insights as a news insider to help you learn the basics of modern news media, and how to make your research part of the public discussion.

Dave Saldana, MS, Columbia University Graduate School of Journalism; JD, University of Southern California Gould School of Law; Owner, BFS Communications-Canada.

Room E: Politics of Knowledge (1108 HH)

Questions of Method in/and Feminist Philosophy of Science:

Empirical, Material, Existential (Chair: C.Koggel)

Feminist Scholarship, Methodology & Studying Science (S.Berkhout)

Methodological Individualism & Posttraumatic Growth (A.Harbin)

Feminist Existentialism in a Post-Genomic World (A.Jaarsma)

5:30-7: Reception, Don Craig Atrium, Hagey Hall

Courtesy of University of Waterloo Director of Equity

Wednesday August 13

8:30-9: Beverages & Light Breakfast

9-11: Concurrent Sessions VIII

Room A: Education, Policy & Practice (1101 HH)

Progressive Learning (Chair: J.Jordan)

Leadership, Technical Organizations & Feminism (M.Damaliyami, P.Nasr, F.Akbari & M.Afshar)

Learning to Understand: International Education Programs & Intercultural Learning (C.Maloney)

Reducing Stereotype Threat in Introductory Logic Classes (V.Lehan)

Room B: Feminist Thinking across the Disciplines (1102 HH)

Knowing & Natural Kinds (Chair: S.Harding)

Are Diseases Real? (C. Witt)

Explanations of ASD: A Spectrum of Disorders (S.Arnaud & G.Beaulac)

Locke on Polygamy (S.Sreedhar)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Rationality & the Self (Chair: B.Nelson)

Feminist Perspectives on Rational Choice Theory & the Problem of Altruistic Preferences
(P.Marino)

Introspection, Rationality & Resistance to Implicit Bias (N.Berenstain)

Room D: Her Science, Her Technology (105 AL)

Biology & Society (Chair: C.Clune-Taylor)

Fallacies in Scientific Understanding: The Case of Adaptationism & the Fallacy of
Accident (C.Hundleby)

Resisting Geneticism: A Call to Feminists (M.Hall)

Investigating the Sciences of Sex (S.Clough)

11-11:30: Beverages & Snacks

11:30-1:30: Concurrent Sessions IX

Room A: Education, Policy & Practice (1101 HH)

Food for Thought (Chair: C.Taylor)

Do GMOs Increase Crop Yields? It Depends Who You Trust (D.Hicks)

You Are How You Eat: A Foucauldian Critique of Dietetics Research on Eating Disorders
& Vegetarianism (M.Dean)

Recognizing the Role of Gender and Local Food Systems in Type 2 diabetes: Nutrition
Education in Rural Southwestern Ontario (D.Appavoo)

Room B: Feminist Thinking across the Disciplines (1102 HH)

**Inclusivity and Diversity in Science Studies Curricula
for Science Undergraduates in a Residential College** (Chair: J.Jordan)

Are We So Queer? Making LGBTQ & Sexuality Studies in the HPS of Science Program in
America's Heartland (N.Wake)

Past, Imperfect: Using History to Encourage Critical Thinking About Gender and Science
Today (M.Waddell)

Preventing Stereotype Threat in a History, Philosophy and Sociology of Science
Course for First-year Science Majors (S.Valles)

Room C: Responsibility, Testimony & Ignorance (1104 HH)

Responsibility, Obligation & Evidence (B. Nelson)

Responsibility for Climate Change: The Problem of Systemic Contributors (S.Moosa)

The Failure of Causal Accounts of Parental Obligations (N.Najand)

"Fact-based values": Why the fact/value dichotomy plays too large of a role in critiques
of "evidence-based ethics" (S.Wieten)

Room D: Her Science, Her Technology (105 AL)

Psyched (Chair: V.Bentley)

Gender in the Scientific Study of Positive Mental Health (K.Weller)

Bias & Gender Identity in the DSM (M.Drabek)

Gendered Cognition & the Abolition Thereof: Rethinking Models in Neuroscience & Cognitive Psychology (J.Lanthier)

Room E: Politics of Knowledge (124 AL)

The Good, the Bad & the Sciences (Chair: I.MacDonald)

Social Harm & Fixing Bad Science: Is Good Science Enough? (S.Weaver)

The maverick as scientific hero: On the making of Andrew Wakefield's expertise in the vaccine-safety debate (M.Goldenberg)

Scientific Integrity & Scientific Injustice (N.McHugh)

1:30-2:30: Lunch on your own (see bottom for lunch places on campus)*

2:30-5: Status of Women and Equity Committee, University of Waterloo Public Plenary
(1101 HH)

Welcome by University of Waterloo, Dean of Arts, Dr. Doug Peers

Individual & Institutional Approaches to Equity in Science & Engineering:

From Research to Practice & Back (Chair: S. Dea)

Reducing Stereotype Threat: It's not Magic (It's Science) (C. Logel)

Attending to Race & Improving Intergroup Relations (H. Bergsieker)

Achieving Equity in the Academy: Keeping Hope Alive (M. Ebrahim)

5-5:30: Closing Remarks (1101 HH)

*In addition to nearby restaurants, convenient campus lunch spots include:

- Tim Horton's South Campus Hall (SCH) - 7:30 am-5:00 pm
- The Grad House (GH) – 9am-10 pm
- Liquid Assets Hagey Hall (HH) - 8:30 am-3:00 pm
- Brubakers [cafeteria] Student Life Centre (SLC) - 8:00 am - 3:00 pm
- Bon Appetit [cafeteria] Davis Centre (DC) - 11 am - 2:30 pm
- Bombshelter Pub Student Life Centre (SLC) - 11 am - 3:00 pm
- Williams Fresh Café Environment 3 (EV3) - 8:30 am - 3:30 pm

We are very grateful to the sponsors who made this conference possible:

- The Social Sciences and Humanities Research Council of Canada
- The Department of Philosophy, University of Waterloo
- The Director of Equity, University of Waterloo
- The Faculty of Arts, University of Waterloo
- The Faculty of Engineering University of Waterloo
- The Office of the Vice-President University Research, University of Waterloo
- The Wolfe Chair in Scientific and Technological Literacy, University of Waterloo,
- The Status of Women and Equity Committee, Faculty Association of the University of Waterloo