

# Science, Technology & Gender: Challenges & Opportunities PRELIMINARY CONFERENCE SCHEDULE

## Sunday August 10

**8-9am Registration & refreshments**

**9-9:30 Opening Remarks**

**9:30-12 CSWIP Plenary Session: Room E**

***Epistemological Tyrannies, Scientific Imperialism & Feminist Paths*** (Chair: J.Lang)

*The Tyranny of Certainty* (L. Code)

*Scientific Imperialism & Feminist Epistemology* (K. Rolin)

*Feminist Epistemology Going Forward* (P. Rooney)

**12-1: Lunch**

**1-2: CSWIP Business Meeting**

**2-4: Concurrent Sessions I**

*Room A: Education, Policy & Practice*

**Science Wise: Education & Expertise**

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*

**Fracking the Rez: Interdisciplinary Development of An Undergraduate Case Study**

(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*

**Objectivity and Feminist Research:**

**A Comparative Exploration in Knowledge Cultures**

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

Epistemic Injustice in Global Development (A.Malavisi)

Toward An Understanding of Material Culture in Moral Relationships (T.Chackal)

*Room D: Her Science, Her Technology*

**Objectivity and Feminist Research: A Comparative Exploration**

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*

**Whose Cycles of Life?**

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*

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

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

*Room B: Feminist Thinking across the Disciplines*

**Transforming Thought**

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

Method, Methodology, and Diversity in Philosophy (S.Noll)

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

*Room C: Responsibility, Testimony & Ignorance*

**Speaking Up**

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*

**Empowering Foucault**

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*

**Embodied Narratives**

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 (transportation included with ticket)**

**Monday August 11**

**8:30-9: Beverages & snacks**

**9-11: Concurrent Sessions III**

*Room A: Education, Policy & Practice*

**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 and 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*

**Who's that Grrrl? Media Roles**

Science - A Girl Thing? Female Scientists in Fiction Film (J.Henke)

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*

**Not to be Ignored**

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*

**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*

**Vulnerability & Transformation** (Chair: A.MacLachlan)

Epistemologies of Ignorance & Sexual Violence (S. Miller)

Autonomy & Vulnerability in Childbirth: Learning from Women's Experience & Midwifery Practices (K. Wolfe)

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*

**Making Sex**

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*

**Oozing Technologies: Toward Technology as Feminist Methodology**

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

Cultural 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*

**What She Said: Testimonial Injustice**

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*

**Point-Standpoint** (Chair: S.Harding)

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*

**Oppression, Solidarity, Resistance and Love:**

**A Philosophical Celebration of Jean Harvey**

‘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**

**2:30-5: FEMMSS Plenary Session: Room E**

***Moving Beyond “Add Others & Stir”:***

***Feminist Postcolonial Science & Technology Studies***

*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**

**Tuesday August 12**

**8:30-9: Beverages & snacks**

## 9-11: Concurrent Sessions V

*Room A: Education, Policy & Practice*

### **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*

### **Getting There from Here: Theory Change**

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

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

Reflections of a (Somewhat) Older Feminist (with no apologies to Susan Haack): How Do We Move Forward in Ways That Are Likely to Make a Difference? (L.H.Nelson)

*Room C: Responsibility, Testimony & Ignorance*

### **Being Heard**

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

Altmetrics: How Do We Define Impact? (S.Vasko)

Semantic Externalism & Social Power Dynamics (D.Anderson)

*Room D: Her Science, Her Technology*

### **Of Woman Birthing**

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

Are Imposed Cesareans Institutionalized Torture? (S.Gavrell)

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

*Room E: Politics of Knowledge*

### **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)

Radical Remembering: Performative Memory & the Inseparability of Ethics, Politics & Epistemology (J.Epp)

On Learning from Our Past(s) (M.Doan)

**11-11:30: Beverages & snacks**

**11:30-1:30: Concurrent Sessions VI**

*Room A: Education, Policy & Practice*

**What Do We Know? Public Understanding**

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*

**A Feminist Approach to Facilitating Interdisciplinary Collaboration:**

**Re-evaluating the Toolbox Project**

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*

**Communing with Nature**

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.Toys)

*Room D: Her Science, Her Technology*

**Neurofeminisms**

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)

Why Feminist Philosophers Can Love their Brains, OR: How Cognitive Neuroscience Isn’t  
the Basic Problem, though Stereotypical Analytic Philosophers (for the Most  
Part) Are (A.Jacobson)

*Room E: Politics of Knowledge*

**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**

**2:30-3:30: FEMMSS Business Meeting**

### **3:30-5:30: Concurrent Sessions VII**

#### *Room A: Education, Policy & Practice*

##### **Whose Bio-medical Progress?**

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*

##### **Bias & Beyond**

Scientific Consensus (M.Pham)

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

#### *Room C: Responsibility, Testimony & Ignorance*

##### **Philosopher, Know Thyself**

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)

#### *Room D: Her Science, Her Technology*

##### **Self, Self-Image & the Selfie**

This is What Disability Looks Like: Self-representation, New Media & the Humanization of Disability (K.Brumble)

What Do We Say with a Selfie? (N.Wyatt)

What Do I Really Look Like? The Evidential Reliability of Selfies (M.Delehanty)

"Look at Me!" Fighting Invisibility: A Defence of the Midlife "Selfie" (S.Brennan)

#### *Room E: Politics of Knowledge*

##### **Questions of Method in/and Feminist Philosophy of Science:**

##### **Empirical, Material, Existential**

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

Methodological Individualism & Posttraumatic Growth (A.Harbin)

Bringing the Self back in Psychopathology: What Can Scientific Psychiatry Learn from Feminist Philosophy of Science? (S.Tekin)

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

### **5:30-7: Reception**

**Wednesday August 13**

### **8:30-9: Beverages & snacks**



## 9-11: Concurrent Sessions VIII

### *Room A: Education, Policy & Practice*

#### **Progressive Learning**

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*

#### **Knowing & Natural Kinds**

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*

#### **Rationality & the Self**

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

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

### *Room D: Her Science, Her Technology*

#### **Biology & Society**

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)

### *Room E: Politics of Knowledge*

#### **Knowledge in Activism**

Her-story of a Feminist Philosopher (T.Payongayong)

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

## 11-11:30: Beverages & snacks

## 11:30-1:30: Concurrent Sessions IX

### *Room A: Education, Policy & Practice*

#### **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*

**Inclusivity and Diversity in Science Studies Curricula for Science Undergraduates in a Residential College**

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*

**Responsibility, Obligation & Evidence**

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*

**Psyched**

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*

**The Good, the Bad & the Sciences**

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

On Heroes and Scoundrels: Trust & Blame in Scientific Misconduct Cases, with a Focus on the Vaccine-autism Scandal (M.Goldenberg)

Scientific Integrity & Scientific Injustice (N.McHugh)

**1:30-2:30: Lunch**

**2:30-5: Waterloo Plenary Session: Room E**

***Individual & Institutional Approaches to Equity in Science & Engineering:  
From Research to Practice & Back Again***

*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**