7th Annual Values in Medicine, Science, and Technology Conference

Program Draft

May 18-20, 2017

Thursday, 5/18

10:45 AM - Registration

11:15 AM - Welcoming Remarks

11:30 AM - Parallel Sessions

- Session 1: Values in Science, General Issues
  - Values in the face of uncertainty: examples from philosophy of science in practice, Nora Hangel, Indiana University Bloomington
  - A limited model of the role of values for scientists qua policy-advisors, Per Wikman-Svahn, KTH Royal Institute of Technology
  - Heinrich Rickert: the values at the core of sciences, Roberto Redaelli, University of Milan
- Session 2: Sex, Death, and Beauty
  - Perfecting Death: Funerary Technology, Public Health and Modernity in Porfirian Mexico City, 1900-1910, Jonathan Weber, Independent PhD Historian
  - Circumcision, Sexual Experience, and Harm, Brian Earp, Yale University
  - Aesthetic judgment in orthodox orthodontics: The Caucasian ideal as universal ontology, Youssef Ben Soltane, École Normale Supérieure de Paris (ENS)

1:00 PM - Lunch

2:30 PM - Session 3: Comics

- Communicating Medicine through Comics, Matthew Noe, University of Massachusetts Medical School, Lamar Soutter Library
- Science: the Moral Secret behind Wonder Woman and Harley Quinn, Jill Hernandez, University of Texas at San Antonio; Allie Hernandez, Health Careers High School

- Metabolically Other: Race, Consumption, and Cibopathy in Chew, Patrick Allen, Penn State University

4:00 PM - Break

4:30 PM - Session 4: Science Fiction

- Teaching Utopia: Using Ursula LeGuin's Science Fiction to Understand Science and Society, Nicolette Gable, The College of William and Mary
- Sci Fi Writing as a Means for both Creative Imagination Development and the Assessment of Future Developments from a Responsible Research and Innovation Perspective, Justus Schollmeyer, Leibniz Institute for Interdisciplinary Studies; Sergei Modestov, Saint-Petersburg State Economics University
- The Monster vs. the Mad Scientist: The Battle of Invisible Forces in Richard Marsh's The Beetle, Teri Campbell, University of Texas at Dallas

6:00 PM - Reception (food provided for registered attendees)

7:00 PM - Keynote Address: Kim Stanley Robinson, "Science Fiction Is the Realism of Our Time"

8:20 PM - Book Signing w/ Robinson, Heinrich, and Dreger

Friday, 5/19

8:45 AM - Coffee and Registration

9:15 AM - Keynote Address: Ari Heinrich, UCSD

10:35 AM - Break

11:00 AM - Session 5: Climate & Agriculture

- Moral Psychology and Climate Policy, Sebastian Purcell, SUNY Cortland
- Science, Values, and the GMO Debate, Justin Biddle, Georgia Institute of Technology

12:00 Noon - Open Roundtables Luncheon (see end of program for accepted papers)

    12:00-12:10 - Get lunch and find tables
    12:10-12:20 - First presentation
    12:20-12:30 - Second Presentation
    12:30-12:55 - Discussion
    12:55-1:00 - Switch tables
    1:00-1:10 - First presentation
    1:10-1:20 - Second presentation
    1:20-1:35 - Discussion
    1:35-1:45 - Break

1:45 PM - Session 6: Values in Biomedicine

- Mistakes Adding Up: How bad statistics causes moral problems in the sciences, Daniel Weissglass, CUNY Graduate Center
- Inductive Risk and Extrapolation in Medicine, Adrian Erasmus, University of Johannesburg
- Doubly Disadvantaged: The Recruitment of Diverse Subjects for Clinical Trials in Latin America, Manuela Fernández Pinto, Universidad de los Andes

3:15 PM - Break

3:45 PM - Session 7: Autonomous Vehicles

- The Safety Argument for Autonomous Vehicles: Epistemological and Political Lessons from the Replication Crisis and Climate Controversy, Daniel Hicks, AAAS
- Crowd-Sourcing Targeting Algorithms, Heidi Furey, UMass Lowell; Luis Oliveira, UMass Lowell

4:45 PM - Break

5:00 PM - Session 8: Medical Ethics

- Making Ethics Training Relevant to Medical Students and Residents, Philip Day, University of Texas Southwestern Medical Center
- Intersectionality and the Medical Subject, Devora Shapiro, Southern Oregon University

6:00 PM - Dinner on Your Own

Saturday, 5/20

8:45 AM - Coffee & Registration

9:15 AM - Roundtable Discussion: Science, Authority, and the Post-Truth Era

(Each presenter will give a short (~5 minute) presentation of their perspective, with the remaining time open for discussion.)

- 'Post-truth' in the Trump-era, Sharyn Clough, Oregon State University
- Values in Science and the "Post Truth" Era: A defense of blurring the fact/value line, Sarah Wieten, Durham University
- The Authority of Science: Progress, Autonomy, and Accountability in a Post-truth World, J. Britt Holbrook, New Jersey Institute of Technology

10:15 AM - Break

10:45 AM - Session 9: Concepts, Measures, and Values

- When and How Should Economic Measure Be Value-Adjusted?, Andrew Schroeder, Claremont McKenna College

- Social Justice and Values in the Concept of Mental Disorder: A Case Study of the Removal of Homosexuality from the DSM, Rowan Hildebrand-Chupp, Reed College
- Metaphysical Positions for Trans Persons, Catherine Nolan, University of Dallas

12:15 PM - Lunch

1:15 PM - Dissertations-in-Progress Session

- (Mis)Representing Illness? Interrogating Colonial Responses to Indigenous Representations of Malaria in Southwestern Nigeria, 1861-1960, Adedamola Adetiba, Adekunle Ajasin University
- Development of an Optimized Quality Health Services System, Tochukwu Arinze Ikwunne, Federal University Ndufu-Alike Ikwo, Ebonyi State, Nigeria
- Normalization of Skull Shape: Parental Perceptions of Normality and Reconstruction of their Decision-Making. A Qualitative Study of Parents having Children with Isolated Nonsyndromic Craniosynostosis, Alena Wackerbarth, HLRS Stuttgart

2:15 PM - Break

2:45 PM - Session 10: Biology, Ethics, and Politics

- Rethinking the Adaptationist Debates: Values at Theory Appraisal in Evolutionary Biology, Margaret Turnbull, Boston College
- Is Prudent Vigilance Enough? A Feminist Moral Principle for Synthetic Biology, Elyse Purcell, SUNY Oneonta
- Rethinking the Sex/Gender Distinction, Sikander Gilani, University of Texas at Austin

4:15 PM - Break

4:45 PM - Keynote Address: Alice Dreger

6:05 PM - Conference Dinner

Open Roundtables Luncheon

(These will be grouped into 6-8 tables of 2-3 presenters, who should present for 5-10 minutes each. There should be enough tables to run it once, switch, and run it again.)

- Anna Dumitriu's Adventures in Bioart, Tyler Cochran, University of Texas at Dallas
- Who ought to decide the value choices that inform a public policy decision?, Tamlyn Munslow, Durham University
- Collecting Data to Calibrate a Model for Human Behavioural Response to Terrorist Attacks, Alastair Shipman, Imperial College, London

- Libraries and Social Justice, Erik Jackiw, Cal Poly Pomona; Matthew Tabizon, City of Commerce Public Library
- What is Collaborative, Interdisciplinary Reasoning? The Heart of Interdisciplinary Team Science, Bethany Laursen, Michigan State University
- Prescriptive Drugs in America: When Will Enough Be Enough?, Frederick Ernst, University of Texas - Rio Grande Valley
- Interdisciplinary approach of critical realism to the research methods, Mehri Mirzaei Rafe, University Texas at Dallas
- Posthumanism at the Service of Bioethics, Caroline Mosser, Utah State University
- Toward a cultural evolutionary framework for the study of scientific growth, Antonio Fadda, The University of British Columbia
- Planning for the Future: Augmented Reality and the Extended Mind, Paul Marett, PwC
- Legendary Tortoise: Insights on Materiality, Diversity and Modernity, Emmanuel Adeyemi, University of Ibadan
- Through the Looking Glass, Roberto Oliveira, UniRio
- When Ethics, Jewish Law ("Halakha"), Science and Medical Technology Meet: A Study of the Halakhic Discourse on Determining the Moment of Death and Vital Organ Transplants, Irit Offer Stark, Ono Academic College
- Robots in the Medical World: How Engineered Machines were Introduced into Operation Rooms, Hospital Wards and as an Aid for the Elderly, Meira Sommer, Edith Walfson School of Nursing Holon; Maya Guez Nestelbaum, Tel Aviv University
- Beyond embodied temporality – life-time in the light of contemporary biotechnology, Rosine Kelz, University of Illinois
- Distinguishing Between Ideals: The Meaning of the 'Value-Free Ideal' in Debates Over the Argument from Inductive Risk, Marion Boulicault, MIT
- Picking a Peck of Pickled Pixels: Remote Sensing and the Problem of Multiple, Conflicting Truths, Samantha Fried, Virginia Tech