

GENE EDITING

LIFE AND LAW BEYOND THE HUMAN

THIS TWO-DAY GROUNDBREAKING WORKSHOP WILL BRING TOGETHER SCHOLARS FROM A DIVERSE RANGE OF DISCIPLINES TO CONTEMPLATE THE COMPLEX CULTURAL, SCIENTIFIC, REGULATORY, AND NORMATIVE IMPLICATIONS OF GENE EDITING TECHNOLOGIES FOR THE FUTURE OF LIFE.

FRIDAY, OCTOBER 21

509 O'BRIAN HALL, UB NORTH CAMPUS

SATURDAY, OCTOBER 22

8:30am

WELCOME AND INTRODUCTIONS

Irus Braverman, University at Buffalo School of Law

9:00am-10:45am

PANEL 3: BOUNDARIES WORKED AND REWORKED

Chair: Gerald Koudelka, Chair, Biological Sciences, University at Buffalo

8:45am-10:30am

PANEL 1: NATURES IMAGINED AND REDEEMED

Chair: Errol Meidinger, Director, Baldy Center for Law & Social Policy, University at Buffalo

GENE DRIVES AND CONSERVATION

Ron Sandler, Director, Northeastern University Ethics Institute

THE NATURES OF GENE DRIVES

Irus Braverman, University at Buffalo School of Law

BIOPOLITICAL SECESSION: POLITICAL ONTOLOGIES AND THE ART OF MAKING LIFE

Gaymon Bennett, Religious Studies, Arizona State University

DISCUSSANT: Sheila Jasanoff, Director, Program on Science, Technology and Society, Harvard Kennedy School, Kennedy School of Government

DISCUSSION

A "ONE HEALTH" APPROACH TO GENE EDITING IN THE DOMESTIC DOG

Alexander J. Travis, Baker Institute for Animal Health, Cornell University

THE INHERENT FALLIBILITY OF GENETIC ENGINEERING AND THE DREAM OF HUMAN PERFECTION

Stuart A. Newman, Cell Biology & Anatomy, New York Medical College

CHIMERIC LIFE AND THE HUMAN IN BIOLOGY

Amy Hinterberger, Sociology, University of Warwick

DISCUSSANT: Kevin Esvelt, MIT Media Lab

10:45am-12:30pm

PANEL 2: TECHNOLOGIES OF GOVERNANCE

Chair: Jennifer Surtees, Co-Director, Genome, Environment and Microbiome Community of Excellence, University at Buffalo

HUBRIS OR HUMILITY IN THE REGULATORY ASSESSMENT OF GENE DRIVES?

Jennifer Kuzma, School of Public and International Affairs, North Carolina State University

VIGILANTE ENVIRONMENTALISM: HOW NEW GENOMIC TECHNOLOGIES COULD CHANGE HOW WE MANAGE, VALUE, AND GOVERN ECOSYSTEMS

Todd Kuiken, Science and Technology Innovation Program, Woodrow Wilson Center

LAWS OF CONTAINMENT: CONTROL WITHOUT LIMITS IN THE NEW BIOLOGY

J. Benjamin Hurlbut, School of Life Sciences, Arizona State University

DISCUSSANT: Lori Andrews, Director, Institute for Science, Law and Technology, Chicago-Kent School of Law

DISCUSSION

11:00am-1:00pm

COMMENTARIES & GENERAL DISCUSSION

Chair: Josephine Antsey, Chair, Media Studies, University at Buffalo

Stephen Hilgartner, Science and Technology Studies, Cornell University

J. Benjamin Hurlbut, School of Life Sciences, Arizona State University

Paul Vanouse, Director, Coalesce Center for Biological Art, University at Buffalo

James Bono, Chair, History, University at Buffalo

1:00pm-2:00pm

LUNCH

2:00pm-3:00pm

CONTEMPLATING NEXT STEPS

Chairs: J. Benjamin Hurlbut & Irus Braverman

3:00pm

ADJOURN

12:30pm-1:30pm

LUNCH

2:00pm

MITCHELL LECTURE, CENTER FOR THE ARTS, UB NORTH