



HSS 2020: THE VIRTUAL FORUM

OCTOBER 8-11, 2020

PRELIMINARY PROGRAM

OCTOBER 8, 10:45-12:00 EDT

OPENING PLENARY

Welcome Remarks by the HSS President
Jan Golinski, University of New Hampshire

Distinguished Lecture:
Underground Inspirations: How and Why we Write Histories of Potatoes and Other Tubers
Francesca Bray, University of Edinburgh

Introduction: Tiago Saraiva, Drexel University

OCTOBER 8, 12:30-13:30 EDT

CONCURRENT SESSIONS

1: Roundtable: Settler Colonialism and Postcolonialism in the History of Science and Technology

Organizers:
Tess Lanza, University of Toronto
Marco Ramos, Yale University

Chair: Suman Seth, Cornell University

Speakers:

Tess Lanzaotta, University of Toronto

Ashanti Shih, University of Southern California

Rosanna Dent, New Jersey Institute of Technology

Marco Ramos, Yale University

Sebastián Gil-Riaño, University of Pennsylvania

2: Roundtable: The Multifarious Legacies of "Silent Spring"

Organizers:

Marsha Richmond, Wayne State University

Sabine Marie Clarke, University of York

Chair: Fritz Davis, Purdue University

Speakers:

Ryan Hearty, Johns Hopkins University

Jole Shakelford, University of Minnesota

David K. Hecht, Bowdoin College

Marsha Richmond, Wayne State University

Sabine Marie Clarke, University of York, U.K.

Lloyd Ackert, Drexel University

Peder Anker, New York University

Mark Barrow, Virginia Tech

3: Supporting International Scholars in Pandemic Times: A Teach-In

Organized by the HSS Graduate and Early Career Caucus

Organizer: Michael McGovern, Princeton University

Chairs:

Michael McGovern, Princeton University

Sara Ray, University of Pennsylvania

Tina Wei, Harvard University

Speakers:

Katie Sferra, Davis International Center, Princeton University

Ilyas Saliba, WZB Berlin Social Science Center
Jacinta Gonzalez, Mijente
Michael Younker, Esq., Supervising Attorney, UnLocal

OCTOBER 8, 14:00-15:00 EDT

PLENARY: HSS FUTURES I

Roundtable: What Do We Do about the Future of Scholarship? Demography, Diversity, and the Transformation of the History of Science

Organized by the Society Editors

Organizers:

Alexandra Hui, Mississippi State University

Matt Levine, Mississippi State University

Chair: Suman Seth, Cornell University

Speakers:

Projit Mukharji, University of Pennsylvania

Emily Merchant, University of California Davis

Elise Burton, University of Toronto

Terence Keel, University of California, Los Angeles

Sebastián Gil-Riaño, University of Pennsylvania

Ahmed Ragab, The Center for Black, Brown, and Queer Studies

OCTOBER 8, 15:30-16:30 EDT

CONCURRENT SESSIONS

4. Roundtable: Is Deep History White?

Organizer and Chair:

Pratik Chakrabarti, University of Manchester

Speakers:

Patricia Martins Marcos, University of California San Diego

Sarah Pickman, Yale University

Sarah Qidwai, University of Toronto
Neil Safier, Brown University
Pratik Chakrabarti, University of Manchester

5. Roundtable: Food Matters: Critical Histories of Food and the Sciences

Organized by the editors of OSIRIS

Organizers:

Suman Seth, Cornell University
Patrick McCray, UC Santa Barbara

Chair:

Suman Seth, Cornell University

Speakers:

Emma Spary, Cambridge University
Anyia Zilberstein, Concordia University
Suman Seth, Cornell University
Patrick McCray, UC Santa Barbara

6. Racial Bodies of Knowledge: Reformulations of Human Difference in Physical Anthropology

Organizer: Paul Wolff Mitchell, University of Pennsylvania

Chair: Erik Peterson, University of Alabama

Commentator: Terence Keel, University of California Los Angeles

Presentations:

Redacting Human Unity: A Newly Discovered Early Draft of Morton's "Crania Americana" (1839)

Paul Wolff Mitchell, University of Pennsylvania

Old Bones in New Databases: Pearson, Howells, and ForDisc

Iris Clever, University of Chicago

Medical Mastery: Teaching Physical Anthropology in the Antebellum Anatomical Theater

Christopher Willoughby, Pennsylvania State University

OCTOBER 8, 17:00-19:00 EDT

HAPPY HOUR 1

Moderators:

Carla Bittel, Loyola Marymount University

Tara Nummedal, Brown University

Ahmed Ragab, The Center for Black, Brown, and Queer Studies

Happy Hour 2

Moderators:

Iris Clever, University of California Los Angeles

Vera Keller, University of Oregon

OCTOBER 9, 9:30-10:30 EDT

PLENARY: HSS FUTURES II

Roundtable: What Do We Do about the Future of the Profession? Challenges from COVID-19 and Beyond for Women and Early Career Scholars Through the Lens of Diversity

Organized by the co-chairs of the Graduate and Early Career Caucus (GECC), and the co-chairs of the Women's Caucus

Organizers:

Sarah Naramore, Northwest Missouri State University

Sarah Pickman, Yale University

Alix Cooper, Stony Brook University

Jaipreet Viridi, University of Delaware

Chair:

Sarah Pickman, Yale University

Speakers:

Alix Hui, Mississippi State University
Elaine Leong, University College London
Ayah Nuriddin, Johns Hopkins University
Patricia Marcos, University of California San Diego
Matt Shindell, Smithsonian Institution

OCTOBER 9, 11:00-12:00 EDT

CONCURRENT SESSIONS

7. HSS/SHOT Joint Roundtable: The Future of Digital Humanities in the History of Science and Technology

Sponsored by the HSS Technology and Communication Committee

Organizer: Kathleen Sheppard, Missouri S&T
Chair: Stephen Weldon, University of Oklahoma

Speakers:
Sarah Naramore, Northwest Missouri State University
Andreas Weber, University of Twente
Abraham Gibson, University of Texas San Antonio
James Fleming, Colby College
Jerome Baudry, École polytechnique fédérale de Lausanne
Alex Weaver, Independent Scholar
Laurynas Adomaitis, École Normale Supérieure
Molly Stothert-Maurer, Arizona State University
Lisa Duncan, University of Arizona Libraries

8. HSS/SHOT Joint Roundtable: Actors' Categories: Language, Power, and Historical Analysis

Organizers:
Mary X. Mitchell, University of Toronto
Stephanie Dick, University of Pennsylvania

Chair: Laura Stark, Vanderbilt University

Speakers:

Henry M. Cowles, University of Michigan
Stephanie Dick, University of Pennsylvania
Isabel Gabel, University of Pennsylvania
Lukas Rieppel, Brown University
Mary X. Mitchell, University of Toronto
Marc Aidinoff, Massachusetts Institute of Technology

9. Credibility in Circulation

Organizer: Gianmar Giovannetti-Singh, University of Cambridge
Chair: Pratik Chakrabarti, University of Manchester

Commentator: Alexander Statman, University of Wisconsin Madison

Presentations:

Monuments, Astronomy, or Hermeneutics? China and the Invention of Enlightenment World History
Gianmar Giovannetti-Singh, University of Cambridge

A Once Credible Science; or, the Lost Art of Arabic Astrology
Margaret Gaida, Oklahoma State University

Michael Boym and the Pictorial Co-Construction of Chinese and Southeast Asian Nature
Eszter Csillag, University of Hong Kong

10. Science in Contested Spaces

Organized by the Presidents of HSS and SHOT

Chair: Thomas Misa, University of Minnesota, SHOT President

Flash-talk presentations:

The Bataan Nuclear Power Plant: Imaginaries of Fear and Reason of State
Benedict Salazar Olgado, University of California, Irvine

Smuggling the Sacred as Specimen: Objects, Instruments, and the "Scientifically Valuable"
Charlotte M. Williams, University of Pennsylvania

Indian, Authentic, and Obsolete? Late-Nineteenth-Century Sanskrit Equinoctial Sundials
Francis Newman, University of Cambridge

"A Paradoxical Ode": James Clerk Maxwell's Poetry and Physical Science, 1844-1878
Kristen Carlson, University of Notre Dame

OCTOBER 9, 12:30-13:45 EDT

HSS PRIZE CEREMONY PLENARY

Organizer: Jay Malone, HSS Executive Director
Chair: Karen Rader, HSS Vice President

Roundtable with Award Winners

OCTOBER 9, 14:00-15:15 EDT

JOINT PLENARY KEYNOTE

Keynote Lecture:
Artificial Intelligence & Social Justice
Meredith Broussard, New York University

Introduction:
Edward Jones-Imhotep, University of Toronto

Sponsored by the Institute for the History and Philosophy of Science and Technology at the University of Toronto, SHOT, and supported by the HSS Elizabeth Paris Endowment for Socially Engaged History and Philosophy of Science

OCTOBER 9, 15:30-16:30 EDT

CONCURRENT SESSIONS

11. HSS/SHOT Joint Session: In Memoriam of Aaron Stephen Moore: Infrastructure in East Asia

Organizers:

Juyoung Lee, Johns Hopkins University

Hiromi Mizuno, University of Minnesota

Chair: John DiMoia, Seoul National University

Presentations:

Building Roads in Colonial Manchuria (1905-45)

Yuting Dong, Harvard University

Engineering the Korean War "Crossing of the Yalu"

Joseph Seeley, University of Virginia

Corporate Consultants and Chemical Fertilizer Plants in Postwar East Asia

Juyoung Lee, Johns Hopkins University

Technological Intervention in Rural Life: The Soyang Multi-Purpose Dam Construction in Postcolonial Korea

Seohyun Park, Virginia Tech

12. HSS/SHOT Joint Session: Vital Signs: Grids, Galvanisms, and the Sociopolitics of Electricity

Organizers:

Samantha Wesner, Cornell University

Michael Degani, Johns Hopkins University

Chair: Michael Degani, Johns Hopkins University

Presentations:

Men of the Future May Become as Gods: Tesla's Wireless Electricity and the Dream of Infinite Energy

Iwan Rhys Morus, Aberystwyth University

Beyond Electric Despotism: The Myth of the Grid in Postcolonial India

Elizabeth Chatterjee, Queen Mary University of London

Electrical Palestine: Technocapitalism and the Arab-Israeli Conflict

Fredrik Meiton, University of New Hampshire

Great Shock of Civic Electricity: Electrical Vitalism and Collective Sentiment in the French Revolution

Samantha Wesner, Cornell University

13. HSS/SHOT Joint Roundtable: Revisiting Master Narratives

Sponsored by the Early Sciences Forum

Organizers:

Anne-Laurence Caudano, University of Winnipeg

Hannah Marcus, Harvard University

Chair: Pablo Gómez, University of Wisconsin, Madison

Speakers:

Reviel Netz, Stanford University

Karine Chemla, SPHERE (CNRS-University of Paris) & Radcliffe Institute

Pamela Smith, Columbia University

Minakshi Menon, Max Planck Institute for the History of Science, Berlin

14. Subverted Boundaries

Organized by the Presidents of HSS and SHOT

Chair: Jan Golinski, University of New Hampshire, HSS President

Flash-talk presentations:

Paleontology and Imagined Geography in Russia

Reese Fulgenzi, University of Chicago

Technical Assistance and Scientific Diplomacy between Mexico and Japan: The Arrival of Plant Tissue Culture to Mexico

Daniela Santamaria Jimenez, Universidad Nacional Autónoma de México

Intellectual and Moral Virtues of the Japanese Bacteriological Warfare Program

Abigail L. Holmes, University of Notre Dame

Revolution and Influenza in the Air: The 1918 Flu Pandemic's Role in the March 1st Movement in Japanese-Occupied Korea

Danyale Celise Kellogg, Texas A&M University

Principles of Equivalence: The Significance of Arno Peters for the History of Knowledge

Marijn Prakke, Utrecht University

OCTOBER 9, 17:00-19:00 EDT

HAPPY HOUR 1

Moderators:

Brad Bolman, Harvard University

David Munns, John Jay College CUNY

HAPPY HOUR 2

Moderators:

Emily Hamilton, University of Massachusetts

Projit Mukharji, University of Pennsylvania

OCTOBER 10, 9:30-10:30 EDT

SPECIAL INTEREST GROUPS and HSS COMMITTEES SESSIONS

Open Discussion: Decolonizing the History of Science in Asia

Sponsored by the Forum for the History of Science in Asia

Organizers and co-chairs:

Sigrid Schmalzer, University of Massachusetts Amherst

Minakshi Menon, Max Planck Institute for the History of Science, Berlin

Forum for the History of the Mathematical Sciences Business Meeting

Organizer and chair: Karen Parshall, University of Virginia

Women's Caucus Zoom Salon

Organized by the co-chairs of the Women's Caucus

Organizers and co-chairs:

Alix Cooper, Stony Brook University

Jaipreet Virdi, University of Delaware

OCTOBER 10, 11:00-12:00 EDT

CONCURRENT SESSIONS

15. HSS/SHOT Joint Roundtable: Narratives of Seeds: Interrogating Disciplinary Boundaries between Histories of Science and Technology

Organizers:

Prakash Kumar, Pennsylvania State University

Helen Curry, University of Cambridge

Chairs:

Francesca Bray, University of Edinburgh

Barbara Hahn, Texas Tech University

Introductory Comment: Prakash Kumar, Pennsylvania State University

Speakers:

Helen Anne Curry, University of Cambridge

Courtney Fullilove, Wesleyan

Sanjukta Ghosh, School of Oriental and African Studies

Tiago Saraiva, Drexel University

Divya Sharma, University of Sussex

Gabriela Soto Laveaga, Harvard University

Aleksandar Shopov, Max Planck Institute for the History of Science, Berlin

Yuan Yi, Columbia University

16. HSS/SHOT Joint Roundtable: The Meaning of Things: How Disability Reframes Histories of Knowledge and its Artifacts

Organizers:

Jessica Martucci, Science History Institute
Hemachandran Karah, Indian Institute of Technology, Madras

Chair: Amy Slaton, Drexel University

Speakers:

Nicole Belolan, Rutgers University-Camden
Pallavi Podapati, Princeton University
Ashley Shew, Virginia Tech
Jaipreet Viridi, University of Delaware

17. Roundtable: Teaching Beyond the Canon of the History of Science

Organizer: Courtney Thompson, Mississippi State University
Chair: Matthew Lavine, Mississippi State University

Speakers:

Tamara Caulkins, Douglas Honors College, Central Washington University
Kathleen Crowther, University of Oklahoma
Antoine Leveque, Paris 7, France
Wayne Soon, Vassar College
Blair Stein, Clarkson University
Courtney Thompson, Mississippi State University
Honghong Tinn, University of Minnesota Twin Cities

OCTOBER 10, 12:30-13:30 EDT

SARTON MEDAL PLENARY

Museums and Instruments in the History of Science: A Conversation with 2020 Sarton Medalist James Bennett

Organizers:

Jean-François Gauvin, Université Laval
Karen Rader, Virginia Commonwealth University
Sarah Qidwai, University of Toronto

Chair: Paola Bertucci, Yale University

Discussants:

James Bennett, Keeper Emeritus, Science Museum, London; History of Science Museum, Oxford
Ana Toledano, Stanford University
Jahnvi Phalkey, King's College London
Tim Boon, Science Museum London
Erich Weidenhammer, University of Toronto
Jean-François Gauvin, Université Laval

Concluding Remarks: Robert Bud, Science Museum London

OCTOBER 10, 14:00-15:00 EDT

CONCURRENT SESSIONS

18. SPECIAL INTEREST GROUP SESSION

Open Discussion: Dismantling White Supremicism: A Conversation and Plan of Action

Organized on behalf of the Forum for the History of the Human Sciences

Organizers and Chairs:

Laura Stark, Vanderbilt University
Ayah Nurridin, Johns Hopkins University
Dana Simmons, University of California Riverside
Debbie Weinstein, Brown University
Jacy Young, Quest University Canada

19. HSS/SHOT Joint Session: Animal Materialities

Organizers:

Laurence Douny, Humboldt Universität zu Berlin
Lisa Onaga, Max Planck Institute for the History of Science, Berlin

Chair: Evan Hepler-Smith, Duke University

Presentations:

Waste Not: Animals Fats, Animal Chemistry and Soap Amidst Changing Industrial Practices
Sarah Lowengard, The Cooper Union

When is a Solution a Problem? Animal Glues in Laboratories and Workshops in Twentieth-Century Japan

Sarah Teasley, Royal College of Art

Degumming West African Wild Silks in the 20th and 21st Century Burkina Faso

Laurence Douny, Humboldt Universität zu Berlin

Biomaterial Matter: A History of Interstitial Things

Lisa Onaga, Max Planck Institute for the History of Science, Berlin

20. Roundtable: Fellowships in the History of Science: Everything You Need to Know

Organizers:

Megan Piorko, Consortium for the History of Science, Technology, and Medicine

Katherine Reinhart, Consortium for the History of Science, Technology, and Medicine

Chair: Katherine Reinhart, Consortium for the History of Science, Technology, and Medicine

Speakers:

Babak Ashrafi, Consortium for the History of Science, Technology, and Medicine

Adrianna Link, American Philosophical Society

Pedro Raposo, Adler Planetarium

Daniel Jon Mitchell, Science History Institute

Benjamin Gross, Linda Hall Library

Hannah Anderson, University of Pennsylvania

OCTOBER 10, 15:30-16:30 EDT

PLENARY HSS FUTURES III

Roundtable: What Do We Do about the Future of the Society? Making HSS Structures and Governance more Transparent, Inclusive, and Diverse

Organized on behalf of the Executive Committee and the Committee on Diversity and Inclusion

Organizers:

Karen Rader, Virginia Commonwealth University

Don Opitz, DePaul University

Chairs:

Kathleen Sheppard, Missouri S&T

Sarah Qidwai, University of Toronto

Speakers:

Pablo Gómez, University of Wisconsin, Madison

Gwen Kay, SUNY Oswego

Don Opitz, DePaul University

Karen Rader, Virginia Commonwealth University

Joanna Radin, Yale University

Ahmed Ragab, The Center for Black, Brown, and Queer Studies

OCTOBER 10, 17:00-19:00 EDT

HAPPY HOUR 1 and 2 (combined)

Moderators:

Sarah Qidwai, University of Toronto

Simon Werrett, University College London

OCTOBER 11, 11:00-12:00 EDT

HSS Business Meeting

OCTOBER 11, 12:30-13:30 EDT

GRAND FINALE WORKSHOP

Changing the Game: Zoom Theater

Zoe Seaton, Founder and Artistic Director, BigTellyTheatre Company, Portstewart, NI

Organizers and Chairs:

Soraya de Chadarevian, University of California Los Angeles

Christine von Oertzen, Max Planck Institute for the History of Science

Additional features of the program include access to the History of Science and Technology (HOST) hub, which hosts the Book Exhibit, the Authors' Pitches playlist, exhibit booths of our Special Interest Groups and much more.