Agenda
AAAS Science, Technology and Human Rights Conference
October 17-19, 2022
AAAS Headquarters, 1200 New York Avenue NW, Washington, DC, 20005 and online

<u>**DAY 1: MONDAY, OCTOBER 17**</u>

8:30 a.m.	**Registration** for in-person attendees (First Floor Lobby) **Breakfast** (Second Floor)
9:00 – 9:15	**Welcome** (Auditorium; Zoom Webinar) **Theresa Harris**, AAAS Scientific Responsibility, Human Rights and Law Program
9:15 – 10:45	**Russia's Invasion of Ukraine: Challenges in the Right to Science and Scientific Publishing Space** (Auditorium; Zoom Webinar) Russia's full-scale invasion of Ukraine has had an immense and devastating impact on science and society at large. Ukrainians continue to face upheaval, loss of life, destruction of homes and property, and high economic costs. In Russia, the state has cracked down on scientists (and other citizens) who speak out against the war. Many scientific institutions and publishers have halted collaborations, transactions, or promotions of their products in Ukraine, Russia, and Belarus due to the fighting or international sanctions. In this plenary discussion, a scientist from Ukraine, a science journalist who has just returned from Kyiv, and a publications representative will discuss the situation in Ukraine, the state of science in the region, how the U.S. and world scientific community can continue to help, and the importance of access to science and scientific exchange. **Dorothy Phillips**, American Chemical Society **Andriy Neshchadin**, CONTINUUS Pharmaceuticals, Inc. **Richard Stone**, Howard Hughes Medical Institute/*Science* **Daniel Kulp,** American Chemical Society **Tom Connelly,** American Chemical Society
10:45 – 11:15	**Break**

11:15 – 12:30 p.m.	**Spotlight Panel: An Inclusive Perspective on the Training of Future Scientists** (Auditorium; Zoom Webinar)

Enshrined in foundational documents and discourses in human rights is the human right to science. Failure to understand and embrace basic rights and their relations to science may compromise the scientific endeavor and progress. Through brief presentations and moderated discussion with attendees this session provides applicable stories and insights into integrating human rights education (HRE) in developing future generations of scientists and equitably addressing access beyond the traditional classroom. We articulate a vision of wide access to HRE as essential to the full realization of the human right to science in the quest of promoting scientific integrity and "trustworthy" science.

Neal Rubin, Adler University
Roseanne Flores, Hunter College
Felisa Tibbitts, Utrecht University
Gabriel Velez, Marquette University

Training on Implementing Public-Interest AI Solutions (Revelle; Zoom Meeting)

Join AAAS for a series of workshops on communicating with local stakeholders, NGOs, and policymakers on the use of artificial intelligence in the public interest. In three one-hour sessions over three days, participants will engage with experts in science communication, policy advocacy, and science in the service of human rights to discuss: decision trees for applying scientific responsibility principles for the development of AI; developing messages that resonate with local leaders, community organizations, and government decision-makers; implementing public engagement strategies; case studies to explore the consequences of AI implementation in real-world scenarios; and skills and strategies for responsible AI policy advocacy.

Mary Catherine Longshore, AAAS Office of Membership
Jonathan Drake, AAAS Scientific Responsibility, Human Rights and Law Program

12:30 – 1:30	**Lunch** (Second Floor)
1:30 – 2:45	**Concurrent Sessions**

- **Workshop on Embedding Human Rights in Higher Education** (Abelson-Haskins; Zoom Meeting)

  Human rights have their place in all academic disciplines and throughout colleges and universities. This workshop is designed to provide scientists with three different ways to embed human rights into their work. These are a) how to embed human rights course material into one's course; b) how to embed human rights into one's research; and c) how to embed human rights into one's university or organizational culture, structure, and infrastructure. Examples of how to do each will be provided. Templates will be provided for each to assist your brainstorming of the many ways it is possible to transform one's work into one that is more human rights respecting. Resource materials will be provided to help scientists to know where to find human rights materials to assist them.

  Yvonne Vissing, Salem State University

- **Public Psychology and the Right to Science** (Auditorium; Zoom Webinar)

  Public psychology is a recently proposed paradigm, shifting the field to a truly publicly engaged science, involving the public as originators and beneficiaries of research. It is about the way that the public benefits from psychology and the way that psychology benefits from the public. Speakers at this session will explain how the concept of public psychology is directly linked to the right to science and will provide concrete examples of its implications, including academic freedom, UN advocacy, and the defense of human rights. Participants will be encouraged to consider how this paradigm can be applied to their own disciplines.

  Asia Eaton, Florida International University
  Kelley Haynes-Mendez (Moderator), American Psychological Association
  Laura Ligouri, Fielding Graduate University
  Mia Smith Bynum, American Psychological Association
  Gabriel Twose, American Psychological Association

2:45 – 3:15   **Break**

3:15 – 4:30   **Concurrent Sessions**

- **Meet the Coalition FutureGen Scholars** (Abelson-Haskins; Zoom Meeting)

  SciTech and Human Rights FutureGen Scholars is an initiative of the AAAS Science and Human Rights Coalition that supports undergraduate or graduate students in carrying out a project on the intersection of science, technology, and human rights on their campus or in their community. In this panel discussion, past and present FutureGen Scholars will describe their projects, highlight their accomplishments, and share reflections and lessons learned.

  Julia Bauer, Davidson College
  Zainub Dhanani, Stanford School of Medicine
  Hana Kamran, Davidson College
  Amber Mundy, Virginia Commonwealth University
  Margaret Sanders, Georgia Tech
  Hamza Woodson, Williams College
  Nate Weisenberg, AAAS Scientific Responsibility, Human Rights and Law Program

- **Journalism, Human Rights, and the U.S. Media Landscape** (Auditorium; Zoom Webinar)

  Join the AAAS SciLine Program, whose mission is to enrich U.S. journalism with scientific evidence, for a presentation and discussion on how journalists approach human rights issues in their reporting. A brief initial presentation will help scientists better understand the media ecosystem, including recent big-picture changes in that landscape, how reporters operate, and what they need and expect from sources, with the goal of helping human rights-oriented scientists get more comfortable interacting with journalists and using the power of the media to leverage their goals. The presentation will be followed by an Ask a Reporter Anything session, in which three rights-focused reporters will discuss how they see their responsibilities and how they approach their work, and engage in conversation with the audience.

  Tori Fosheim, AAAS SciLine
  Uriel Garcia, *The Texas Tribune*
  Christoph Koettl, *The New York Times*
  Victoria St. Martin, *Inside Climate News*
  Rick Weiss, AAAS SciLine

4:30 – 5:30   **Late Breaking Session**: **Blueprint for an AI Bill of Rights** (Auditorium; Zoom Webinar)

Introduction: **Sudip Parikh,** AAAS Chief Executive Officer and Executive Publisher, *Science* Journals

Suresh Venkatasubramanian, Brown University
Jeffrey Mervis, *Science*

5:30 p.m.   **Reception/Networking** (Second Floor)
Engage with colleagues and meet others with similar interests. Students and early career professionals: be sure to stop by the Student and Early Career table!

DAY 2: TUESDAY, OCTOBER 18

9:00 a.m.   **Registration** for in-person attendees (First Floor Lobby)
Breakfast (Second Floor)

9:30 – 10:45   **Plenary: Visible.lgbt: Innovation on documenting LGBTQ+ rights violations in Mexico** (Auditorium; Zoom Webinar)

The collection of data related to at-risk populations in Latin America remains a pending obligation for the region's national governments. With respect to LGBTQ+ people, international bodies have revealed that the existent data do not reflect the full dimensions of the violence and discrimination experimented by queer persons in the Americas. Visible is a non-governmental platform developed by a Mexican NGO, with the support of Georgetown University, that allows the collection of violent and discriminatory incidents against LGBTQ+ people, being a good example on how ICTs can counter societal misinformation and provide information to decision makers to create data-driven inclusive policies.

Betilde Muñoz-Pogossian (Moderator), Organization of American States
Juan Pablo Delgado, Amicus DH
Fanny Cata Gómez-Lugo, Georgetown University Law Center
Geraldina González de la Vega, Mexico City Council to Prevent and Eliminate Discrimination

10:45 – 11:15   **Break**

11:15 – 12:30 p.m.   **Spotlight Panel: A WHO Instrument Against Pandemics: The Right to Science as a Game-Changer** (Auditorium; Zoom Webinar)

With a multilateral instrument against pandemics under negotiation and

the urge to enhance health emergency management via a participatory process, the Strategic Litigation: International Human Rights Legal Clinic of the University of Turin has drafted a report on the key role of the right to science for the prevention, preparedness, response to and recovery from pandemics. The report results from fruitful cooperation between Clinic students, Treatment Action Group and Science for Democracy. Beyond recommending the inclusion of the right to science in the upcoming instrument, the report represents in itself an example of a participatory approach to international negotiations.

Virginia Blatto, University of Turin
Giulia Perrone, University of Turin
Marco Perduca, Science for Democracy
Ludovica Poli, University of Turin
Gisa Dang, Treatment Action Group (Moderator)

Training on Implementing Public-Interest AI Solutions (Revelle; Zoom Meeting)

Join AAAS for a series of workshops on communicating with local stakeholders, NGOs, and policymakers on the use of artificial intelligence in the public interest. In three one-hour sessions over three days, participants will engage with experts in science communication, policy advocacy, and science in the service of human rights to discuss: decision trees for applying scientific responsibility principles for the development of AI; developing messages that resonate with local leaders, community organizations, and government decision-makers; implementing public engagement strategies; case studies to explore the consequences of AI implementation in real-world scenarios; and skills and strategies for responsible AI policy advocacy.

Mary Catherine Longshore, AAAS Office of Membership
Jonathan Drake, AAAS Scientific Responsibility, Human Rights and Law Program
Sean Gallagher, AAAS Office of Government Relations

12:30 – 1:30   **Lunch** (Second Floor Lobby)

1:30 – 2:45   **Concurrent Sessions**

- **Workshop: A WHO Instrument Against Pandemics: The Right to Science as a Game-Changer (**Abelson-Haskins; Zoom Meeting)

   In 2021, an Intergovernmental Negotiating Body was established

within the World Health Organization, tasked with the drafting and negotiation of an international instrument for the prevention, preparedness and response to pandemics. Building on a report drafted by the Strategic Litigation: International Human Rights Legal Clinic of the University of Turin (Italy), in cooperation with Treatment Action Group and Science For Democracy, the workshop aims at: a) highlighting the key role of the right to science in tackling pandemics; b) promoting fruitful cooperation between students, academia, scientific community, civil society organizations and UN agencies towards the achievement of shared goals.

Rebecca Bouchard, University of Turin
Gisa Dang, Treatment Action Group

- **Science Engagement with People of Faith** (Revelle; Zoom Meeting)

  Seven in ten U.S. adults claim a religious identity. Religion and spirituality are often core elements of individual worldview and community identity, and inform opinions about science topics and the role of science in society. In this interactive workshop, attendees will 1) learn what public engagement with science is, and about the social/historical context of science engagement; 2) discuss how religion and spirituality are relevant to public engagement with science, experiences in faith community engagement, and how practitioners draw on best practices; 3) apply strategies from the workshop in an exercise with fellow attendees to address a challenging scenario.

  Robert O'Malley, AAAS Dialogue on Science, Ethics and Religion
  Rachel Kline, AAAS Dialogue on Science, Ethics and Religion

2:45 – 3:15   **Break**

3:15 – 4:45   **Concurrent Sessions**

- **Civic Science for Youth: Accessible Science for Addressing Environmental Justice** (Abelson-Haskins; Zoom Meeting)

  This presentation demonstrates how environmental justice and human rights issues equitably engage youth in applying science, technology, engineering, mathematics, and medicine (STEMM) to resolve real-world issues. Provided in this workshop are examples of youth scientists collecting pollution data to educate nearby residents about environmental justice issues. The youth used inexpensive and

accessible environmental pollution measuring strategies to do this. Research on civic science engagement shows improvements in science content application and perceptions of content relevancy, particularly for underserved youth.

Brian Shmaefsky, Lone Star College – Kingwood
Tara Stafford-Ocansey, Children's Environmental Literacy Foundation

- **Beyond the Ban: How Democracies Can Deal With the Rise of Digital Repression** (Auditorium, Zoom Webinar)

  Unprecedented demand for surveillance technologies has accelerated the global rise of authoritarianism and democratic backsliding. While the current democratic response has focused on global bans and export controls, this plenary session will critically evaluate the underlying reasons behind the demand for such technologies and explore concrete policies, technologies, and models to reinforce democracies' resilience from 21st century surveillance pressures. New and global voices as well as established experts will engage in a substantive discussion on how democracies can lead by example.

  Nanjala Nyabola, Independent Writer/Political Analyst
  Sarah Aoun, Open Technology Fund
  Steven Feldstein, Carnegie Endowment for International Peace
  Chris Meserole, Brookings Institution
  Ishan Sharma, Federation of American Scientists

5:00 **Offsite Drinks Reception on Digital Freedom hosted by the Federation of American Scientists** (Fig and Olive, 934 Palmer Alley NW, Washington, DC 20001)

FAS is convening several stakeholders, experts, and others unable to attend the conference to continue the discussion from the 3:15 – 4:30 session on "Beyond the Ban: How Democracies Can Deal With the Rise of Digital Repression." The reception will be held at Fig and Olive, a 5-minute walk from AAAS. The reception is open to all Conference participants, and otherwise invite only. This event will qualify as a widely attended gathering.

DAY 3: WEDNESDAY, OCTOBER 19

9:00 a.m. **Registration** for in-person attendees (First Floor Lobby)
Breakfast (Second Floor)

9:30 – 10:45	**Human Rights and Engineering Career Trajectories and Opportunities** (Auditorium, Zoom Webinar)

Awareness of engineering ethics and the societal/socio-economic impacts of engineering is increasing throughout many STEM pedagogies in the United States. The University of Dayton ETHOS Center and Human Rights Center has collaborated with Engineering4Change (E4C) to investigate intersections between engineering and human rights, particularly in relation to undergraduate studies. This session will present the findings of research on how such undergraduate studies can shape career pathways and opportunities for young engineers.

Himanshu Panday, Engineering for Change
Lauren Reinersman, Engineering for Change
Kelly Bohrer, University of Dayton
Shelley Inglis (Moderator), University of Dayton

10:45 – 11:15	**Break**

11:15 – 12:30 p.m.	**Concurrent Sessions**

- **Meeting of Coalition committee on human rights of scientists** (Abelson-Haskins; Zoom Meeting)

- **Training on Implementing Public-Interest AI Solutions** (Revelle; Zoom Meeting)

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  Mary Catherine Longshore, AAAS Office of Membership
  Jonathan Drake, AAAS Scientific Responsibility, Human Rights and Law Program

12:30 – 1:00   **Closing** (Auditorium; Zoom Webinar)

Theresa Harris, AAAS Scientific Responsibility, Human Rights and Law Program
Natasha Udu-gama, Thriving Earth Exchange

1:00   **Conference Adjourns**

Thank you for attending this year's conference!

1:00 – 3:00   **Coalition Council Lunch and Meeting** (Coalition Council members only) (Revelle; Zoom Meeting)