



Fiscal Year 2022
Annual Report of the
ACM U.S. Technology Policy Committee

For the Period July 1, 2021 – June 30, 2022

Submitted by
Jeremy Epstein, Chair

FY 2021 ANNUAL REPORT
U.S. Technology Policy Committee of the
Association for Computing Machinery
Technology Policy Council
July 1, 2021 – June 30, 2022

1. BASIC INFORMATION

Known until mid-2018 as the ACM U.S. Policy Council (USACM), the Association’s U.S. Technology Policy Committee (USTPC) is chartered as the focal point for ACM’s interaction with U.S. government organizations, the computing community, and the U.S. public in all matters of U.S. public policy related to information technology and computing *except* education and workforce issues. The present reporting period marks the second year of USTPC operation as a Committee of the ACM Technology Policy Council (TPC), which was chartered to “set the agenda for ACM’s global policy activities. . . [and] work with the committees under its auspices to help establish and monitor the agenda for regional policy activities.” USTPC remains authorized to take policy positions in the same manner that USACM was (pursuant to its current Operating Procedures and continues to maintain a systematic process for the development, review, and approval of such policy positions. As in the past, these positions reflect the analysis of USTPC and not necessarily that of either ACM or the TPC.

1.1 Leadership

USTPC is guided, and its formal positions determined, by a small executive group and/or larger Secretariat, which includes a Chair, Vice Chair, four At Large members, and all former chairs of USTPC and its predecessor policy bodies. The Chair of the Europe Technology Policy Committee, and ACM’s CEO and Global Policy Director, also serve as non-voting ex officio members of the Committee. The ACM President appoints the USTPC Chair for a term of two years, beginning July 1 in even-numbered years. The ACM President may appoint Co-Chairs. The USTPC Chair, in consultation with the ACM President, appoints the Vice Chair or Co-Vice Chairs. The USTPC Executive Secretariat is composed of the Chair, Vice Chair, Immediate Past Chair, and four additional USTPC Secretariat members selected by the Chair, as well as all ex officio members. Having postponed the election of new At Large members to facilitate discussion of related changes in the Committee’s Operating procedures (*see* Note below), the composition of the Committee’s leadership for the period covered by this Report was:

EXECUTIVE SECRETARIAT

Jeremy Epstein, Chair
Alec Yasinsac, Vice Chair
Stuart Shapiro, Past Chair
Andy Grosso
Harry Hochheiser
Jeanna Matthews

1.3 Subcommittees

Accessibility - Harry Hochheiser (partial year, hshoch@gmail.com)

John Murray, Incoming Chair (jxm@calidris.net)

The AI Subcommittee strives to advance public policies, practices, and research in usability, AI, and accessible technologies.

AI & Algorithmic Accountability – Co-Chairs: Jeanna Matthews (jnm@clarkson.edu)

Jonathan Smith (jms@cis.upenn.edu)

The AI and Accountability Subcommittee monitors developments in the burgeoning constellation of fields broadly identified as related to Artificial Intelligence with an emphasis on early identification of the potential policy implications of emerging technologies and new research.

Digital Governance – Danny Weitzner (partial year, djweitzner@csail.mit.edu)

Simson Garfinkel, Incoming Chair (simsong@gmail.com)

The Digital Governance Subcommittee addresses online operations of government and the sustainable development of the Internet.

Intellectual Property - Paul Hyland, Chair (paul@paulhyland.com)

The Intellectual Property Subcommittee works to ensure that public policies related to patents and copyright promote innovation and balance the legitimate interests of inventors and creators with those of consumers and the public.

Law - Andrew Grosso, Chair (agrosso@att.net)

The Law Subcommittee is dedicated to monitoring the legal landscape for developments that affect computing policy.

Privacy - Brian Dean, Chair (bdean@secureworks.com)

The Privacy Subcommittee seeks to facilitate a greater understanding of the issues at the intersection of privacy and technology.

Security – Co-Chairs: Carl Landwehr (carl.landwehr@gmail.com)

Patrick Traynor (traynor@cise.ufl.edu)

The Security Subcommittee promotes the embodiment of security in computing and computing-related infrastructures and seeks to contribute to policy solutions that foster secure, stable, robust, and trustworthy computing environments.

Voting - Co-Chairs: Andrew Appel (appel@princeton.edu)

Douglas Jones (douglas-w-jones@uiowa.edu)

The Voting Subcommittee works to encourage policies that support the security, reliability, accuracy, accessibility, usability, and verifiability of public elections.

1.4 Meetings

As a result of the ongoing COVID-19 pandemic, the USTPC Secretariat again held its annual meeting virtually in FY 2022 on February 24, 2022 from 2:00 PM to 5:00 PM EDT to review policy activities and to determine priorities for the year ahead. The Committee's business meeting was devoted to: a) reports from its eight standing Subcommittees and three informal working groups on: Online Child Sexual Abuse Material, Computing and Health Care Technology, and Remote Testing Administration; b) remarks by and discussion with special guest Alexander Macgillivray, US Principal Deputy Chief Technology Officer with the White House's Office of Science & Technology Policy; c) the Committee's projected work plan for the coming year; d) "leveraging" the expertise of ACM Fellows to enhance and expand the Committee's output and effectiveness; and e) long range "issue spotting." For the first time, the latter three items above were discussed by all USTPC members who had opted to attend the meeting in a Chair-moderated forum, which was widely publicized among the full USTPC membership.

USTPC otherwise operates mainly through listserv discussions among the members. In addition to the main listserv for all members, each subcommittee and working group operates a listserv to keep its members informed of policy activities, events, policy engagement opportunities, and relevant information. Standing committees also may hold periodic conference calls to discuss action and progress on specific policy projects.

2. PRINCIPAL FY 2022 USTPC POLICY PRODUCTS

USTPC continued to educate and inform policy leaders, ACM members, the computing community, and the public about U.S. policy issues related to information technology and computing. These efforts were accomplished in FY 2022 by the Committee itself and in collaboration with other organizations through the following products:

- [Letter to US Dept. of Justice re: Codifying Regulations for ADA-Compliant Websites](#), ACM US Technology Policy Committee (May 18, 2022)
- [Comments to NIST on Update of the National Artificial Intelligence R&D Strategic Plan](#), US Technology Policy Committee (March 4, 2022)
- [Statement of Interest and Comments to US Copyright Office re: Technical Measures](#), US Technology Policy Committee (February 8, 2022)
- [Comments to National Institute of Standards and Technology on Draft Promoting Access to Voting Report](#), ACM US Technology Policy Committee (November 22, 2021)
- [Comments to NSF/OSTP on National AI Research Resource Implementation](#), ACM US Technology Policy Committee (October 1, 2021)
- [Comments on National Institute of Standards and Technology RFI re Artificial Intelligence Risk Management Framework](#), ACM US Technology Policy Committee (August 19, 2021)
- [Statement on Principles for Secure Remote Test Administration](#), ACM US Technology Policy Committee (August 12, 2021)
- [Joint Comments with Computing Research Association on Enhancing Federal Scientific Integrity Policies to White House Office of Science and Technology Policy](#), ACM US Technology Policy Committee (July 28, 2021)
- [Comments to the National Institute of Standards and Technology on Promoting Access to Voting](#), ACM US Technology Policy Committee (July 16, 2021)

All recent USTPC policy products may be viewed at: <https://www.acm.org/public-policy/ustpc/policy-products>.

2.1 Additional Activities and Outcomes of Note

In addition to producing and promoting the formal Committee policy documents identified above, USTPC also raised awareness of public policy issues in FY 2021 through [@ACMpolicy](#) and [@USTPC](#) on Twitter, regular policy updates in ACM's monthly [MemberNet](#), periodic press releases, and OpEds (authors noted below) and media interviews by member leaders, including:

- [50+ Resources for All Aspiring Technology Policy Professionals](#), *All Tech is Human* (April 1, 2022)
- [New ACM TechBrief Spotlights Privacy, Ethics Problems with Facial Recognition Technology](#), *Globe Newswire* (February 24, 2022)
- [Facial Recognition is Searching for You Online](#), *Lifewire* (December 8, 2021)
- [It's Time to Open the Black Boxes](#), *Inside Higher Ed* by C. Kang and J. Epstein (Nov. 3, 2021)
- [Feds are increasing use of facial recognition systems - despite calls for a moratorium](#), *The Conversation* column by James Hendler (September 2, 2021)
- [Education and science group: Proctoring industry should straighten up](#), *Biometric Update* (August 23, 2021)

The Committee also continued its *HotTopics* webinar series, mounting programs on Online Data Collection (May 2022) and Remote Testing Administration Technology (November 2021).

3. SELECT PLANS FOR FISCAL YEAR 2023

In conjunction with ACM's Technology Policy Council, and under the direction of new Chair Jeremy Epstein, USTPC will continue its work to engage with current ACM members and collaborate with other structures and groups within ACM. USTPC also will work with ACM's Europe Technology Policy Committee to identify issue areas of common concern that the Committees may address jointly and/or through the ACM Technology Policy Council (TPC). In addition, USTPC will continue to pursue opportunities to collaborate with other organizations to strengthen the Committee's efforts to educate and inform policy leaders and deepen our impact and influence in U.S. public policy.

Specific projects anticipated in in FY 2023 include:

- Updating USTPC's 2017 Statement on Algorithmic Transparency and Accountability and expanding its focus to "globalize" its scope in order to permit its consideration and endorsement by the Europe Technology Policy Committee and, if received, ACM's Technology Policy Council;
- Updating the Committee's 2020 Statement on Remote Testing software;
- Drafting a new Statement and/or associated Principles pertaining to blockchain technology;
- Drafting a new Statement and/or associated Principles pertaining autonomous vehicle technology; and
- Continuing to regularly program and present *HotTopics* webinars.

4. **DIVERSITY, EQUITY, & INCLUSION**

The Committee operates by consensus and places a premium on active engagement from its members. Efforts are consistently made in meetings and other interactions to actively elicit the views of all participants and exchanges have been invariably civil and respectful. In FY 2022, the Committee's net membership increased by 25 to a total of 169 also adding to its diversity. The Committee also strenuously attempts to assure diversity in the composition of its *HotTopics* webinar panels.

FY 22 USTPC MEMBER ROSTER

<p>Jeremy Epstein, Chair Alec Yasinsac, Vice Chair</p> <p>Rediet Abebe Prabhav Agrawal Mubasher Ahmed Tanvir Ahmed Annie Anton Andrew Appel* Flo Appel Vineeta Arora David Awad* Ricardo Baeza-Yates Jason Baker Jeremy T. Barksdale Mark Berman Jenny Blessing Travis Breaux Chris Bronk Chuck Brownstein Jean Camp Afiya Carter Vint Cerf Debra Chapman Charalampos Chelmiss Thomas Chen Steven Cherry Vijay Chidambaram* Dr. Sunny Choi Nicolas Christin Geoff Cohen James Cohoon Lillie Coney Lorrie Cranor Rachel Cummings Wendy Dannels* Brian Dean Jayati Dev Nicholas Diakopoulos David L. Dill William Doane Cory Doctorow Josiah Dykstra* Cem Kaner Chris Kang</p>	<p>Patrick Kelly Julie Earp Jon Eisenberg Dave Farber Nick Feamster Stu Feldman Miles Fidelman Kathy Fontaine Simson Garfinkel Yolanda Gil Juan E. Gilbert Reginé Gilbert* Seymour E. Goodman Don Gotterbarn Sarah Granger James Grimmelmann Andrew Grosso Alex Gyori Mark P. Hahn Janet Haven* Barbara L. Helfer Jim Hendler Rebecca Herold Harry Hochheiser Lance Hoffman Lee Hollaar Sarah Horton* Juan Pablo Hourcade Chuck House Paul Hyland Paul Jacobs Carlos Jimenez-Gomez* Douglas W. Jones Meg Leta Jones Mackenzie Jorgenson* Juan Miguel de Joya Lorraine Kisselburgh Natarajan Krishnaswami* Joshua Kroll Srivatsa Kundurthy* Jim Kurose Carl Landwehr</p>	<p>Kim Lawson-Jenkins Jung-Ju Lee Clayton Lewis Vince Lipsio Darrell Long Rao Mannealli Aaron Massey Abigail Matthews* Jeanna Matthews Jonathan Mayer Larry Medsker Dmitry Mikhailov* Lynette Millett Charles Mok* Jim Moody Sam Morales Anthony Mullen* John Murray Arvind Narayanan Peter Neumann Suren Nihalini* Chinasa Okolo* Andy Oram Paul Otto Barbara Owens Mark Pastin* Garry Paxinos Jon Peha Sean Peisert Jonathon Phillips George Porter Mark Rasch Alan Rea Jennifer Rexford Tatiana Ringenberg* Brendan Roach Chris Roberts Arnon Rosenthal Marc Rotenberg George Roussos Anthony Ruocco Pam Samuelson</p>	<p>Matthew Sanusauskas* Prajwal Saokar* Curtis Sawyer Joseph Schafer* Ari Schlesinger Fred Schneider Doug Schuler Andrew Sears Stuart Shapiro Ben Shneiderman Barbara Simons Anup Singh* Gurtej Singh Adam Smith* Jonathan Smith Ollie Smoot Eugene Spafford Spaf Aaron Temin Elizabeth Thompson* Bhavani Thuraisingham Patrick Traynor Kashyap Tumkur Jaideep Vaidya Lorenzo Valeri Emil Volcheck David Wagner Tiffany Xingyu Wang Rick Wash Daniel Weitzner Brian Wentz* Jody Westby* John White David S. Wise Alex Wolf Tao Xie Bülent Yener Christopher Yoo Jessica Young Kenneth Zhang Stuart Zweben</p>
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* *New Member in FY 2022*