Fiscal Year 2014 Annual Report of the U.S. Public Policy Council of the ACM

For the Period July 1, 2013 – June 30, 2014

Submitted by
Ed Felten, USACM Chair
with input from USACM Council members and
ACM Public Policy Office staff

ANNUAL REPORT
of the U.S. Public Policy Council of the Association for Computing Machinery
For the Period: July 1, 2013 – June 30, 2014

1. BASIC INFORMATION

The U.S. Public Policy Council of ACM (USACM) 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, which are the responsibility of the ACM Education Policy Committee.

USACM is authorized to take policy positions and has a systematic process for the development, review, and approval of such policy positions. These positions reflect the position of USACM and not necessarily that of ACM.

1.1 Leadership

USACM is governed by the USACM Council, which includes a Chair, Vice Chair, an Executive Committee, two SIG Governing Board representatives, six At Large members, former chairs of USACM, and ex officio members. The ACM President appoints the USACM Chair and Vice Chair for a term of two years, beginning July 1 in even-numbered years. The President may appoint Co-Chairs and/or Co-Vice Chairs. The USACM Executive Committee is composed of the Chair, Vice Chair, Immediate Past Chair, the SIG Board representative with the longest tenure in USACM, three additional USACM Council members selected by the Chair, and ex officio members.

USACM EXECUTIVE COMMITTEE MEMBERS (for 2013-2014 annual report)
- Eugene Spafford (USACM Chair), term expires 6/30/14
- Edward Felten (USACM Co-Vice Chair), term expires 6/30/14
- Stuart Shapiro (USACM Co-Vice Chair), term expires 6/30/14
- Jeanna Matthews (SIG Representative), term expires 6/30/14
- Travis Breaux (Privacy and Security Committee Chair)
- Jeremy Epstein (Voting Committee Chair)
- Jean Camp (At Large)
- Barbara Simons (Former USACM Chair), term expires 6/30/14
- Vint Cerf (ACM President), ex officio, term expires 6/30/14
- John White (ACM Executive Director and CEO), ex officio
- Cameron Wilson (ACM Director of Public Policy), ex officio until 6/1/14; see note
- Renee Dopplick (ACM Acting Director of Public Policy), ex officio; see note

USACM COUNCIL MEMBERS (for 2013-2014 annual report)
- Eugene H. Spafford (USACM Chair), term expires 6/30/14
- Ed Felten (USACM Co-Vice Chair), term expires 6/30/14
- Stuart Shapiro (USACM Co-Vice Chair), term expires 6/30/14
- Travis Breaux (Privacy and Security Committee Co-Chair, then Chair)
- Alan Rea (Privacy and Security Committee Co-Chair) until 3/15/14; see note
- Jeremy Epstein (Voting Committee Chair)
- Andrew Grosso (Law Committee Chair)
- Jim Hendler (Digital Government Committee Chair)
- Harry Hochheiser (Accessibility Committee Chair)
- Paul Hyland (Intellectual Property Committee Chair)
- Jeanna Matthews (SIG Representative), term expires 6/30/14
- Barbara Owens (SIG Representative), term expires 6/30/15
- Jean Camp (At Large), term expires 12/31/15
- David Robinson (At Large), term expires 12/31/14
- Jonathan Smith (At Large), term expires 12/31/15
- Ollie Smoot (At Large), term expires 12/31/14
- Emil Volcheck (At Large), term expires 12/31/15
- Alec Yasinsac (At Large), term expires 12/31/14
- Charles Brownstein (Former USACM Chair)
- Barbara Simons (Former USACM Chair)
- Vint Cerf (ACM President), ex officio, term expires 6/30/14
- John White (ACM Executive Director and CEO), ex officio
- Robert B. Schnabel (Education Policy Committee Chair), ex officio
- Cameron Wilson (ACM Director of Public Policy), ex officio until 6/1/14; see note
- Renee Dopplick (ACM Acting Director of Public Policy), ex officio; see note

Notes:
Alan Rea stepped down as Privacy and Security Committee Co-Chair in March 2014. Travis Breaux continued as the sole Committee Chair.

At the end of June 2014 when his term expired, Eugene Spafford stepped down as USACM Chair after sixteen years of dedicated service and served as Acting Chair until the appointment of Ed Felten as the new Chair by new ACM President Alex Wolf. Eugene Spafford continues to serve USACM in the role of Immediate Past Chair. Barbara Simons rotated off the Executive Committee. As a former Chair, she remains a member of the USACM Council.

USACM continues its work in the new fiscal year under the new leadership team of Ed Felten as Chair and Stuart Shapiro and Jeremy Epstein as Co-Vice Chairs. Juan Gilbert is the new Voting Committee Chair. The SIG Board reappointed Jeanna Matthews to serve another two-year term.

Cameron Wilson resigned as ACM Director of Public Policy effective June 1, 2014 to work permanently at Code.org. Since July 2013, he was working on an interim basis as the Chief

Operating Officer of Code.org as part of a partnership between ACM and Code.org. Renee Dopplick was named Acting Director of Public Policy in June 2014.

A list of all USACM members is provided in Appendix G.

USACM member William Alan Edelstein, Ph.D., passed away in February 2014. His research included a methodology for estimating the number of touch-screen voting machines to minimize polling lines. He also was a pioneer in the technologies used in high-resolution MRI, the holder of 49 patents, and a prodigious contributor to publications and the computing field.

USACM member Willis Ware, Ph.D., passed away in November 2013. One of the most influential and visionary professionals in computing, he devoted his lifetime to advancing computing security and privacy, computer science education, and the computing field. His exceptional and seminal contributions to the computing field, public policy, and society earned widespread recognition, including the distinctions of being an ACM Fellow and being inducted into the Cyber Security Hall of Fame.

1.2   Purpose

The U.S. Public Policy Council of ACM (USACM) 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. USACM educates the public, policymakers, and the community about public policy issues that affect the development of technology or where technology influences policy issues to better inform policy decisions. USACM issues recommendations informed by technical expertise and that take into account the complete context of policy development. USACM's contributions to public policy are drawn from the deep technical expertise of the computing community. USACM applies this technical knowledge to bring relevant scientific research, best practices, perspective, and foresight about computing and innovation to public policy issues. USACM seeks consensus positions that are firmly grounded in scientific or technology knowledge and that take into account the diverse interests of ACM membership and the computing field.

1.3   Committees

The USACM Council may establish committees to address specific policy areas. USACM Council members are ex officio members of all committees.

During the past year, USACM members participated in the following six standing committees, two ad hoc project groups, and one special committee:

Accessibility Committee
Chair: Harry Hochheiser

The Accessibility Committee strives to advance public policies, practices, and research in usability, accessibility, and accessible technologies.

Digital Government Committee
Chair: Jim Hendler
The Digital Government Committee is interested in policies and technologies that can facilitate both the online operations of government and increased citizen participation in government.

Intellectual Property Committee
Chair: Paul Hyland
The Intellectual Property Committee is concerned with the different interests that need to be balanced concerning intellectual property.

Law Committee
Chair: Andrew Grosso
The Law Committee is dedicated to monitoring the legal landscape for developments that affect computing policy.

Privacy and Security Committee
Chairs: Travis Breaux (July 2013 – present); Alan Rea (July 2013 – March 2014)
The Privacy and Security Committee focuses on the implications of new technologies for privacy and security and on how to design and implement information technology to preserve privacy and security.

Voting Committee
Chair: Jeremy Epstein
The Voting Committee works to encourage policies that support the reliability, security, and verifiability of public elections.

Ad Hoc Project Group on Engineering Systems Analysis for National Surveillance Programs
Lead: Stuart Shapiro
This ad hoc project group, formed as a subcommittee of the Privacy and Security Committee, identified the attributes of an independent systems engineering analysis for use in reviews of the design and operation of complex processes and systems used in national surveillance programs.

Ad Hoc Project Group on Computer Crime Laws
Lead: David Robinson
This ad hoc project group enabled multi-committee discussion of potential legislative reforms and crosscutting policy developments related to computer crime laws.

Special Committee on Proposed ACM Merit Award in Public Policy
Special Committee Chair: Barbara Simons
USACM Council charged this special committee with researching options for the establishment of a new ACM award for public policy and to report their findings for consideration and review.

1.4   Committee Meetings

The USACM Council met on April 24, 2014, in Washington, D.C. to review policy activities and determine priorities for the year ahead. The USACM Council typically meets in person annually.

Throughout the year, the USACM Council conducts regular conference calls with the ACM Public Policy Office staff to discuss policy priorities, coordinate activities, and evaluate new priorities and activities.

USACM operates mainly through listserv discussions among the members. In addition to the main listserv for all members, each committee operates a listserv to keep its members informed of policy activities, events, policy engagement opportunities, and relevant information.

2.   PROJECT SUMMARY

USACM made significant progress this year in delivering on its mission 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. USACM undertook a major project to establish a new policy award, participated in five major multistakeholder partnerships and forums, and released eleven public comments and statements within the fiscal year. USACM also raised awareness of public policy issues through social media, blogs, press releases, and other public outreach.

2.1   Major Projects

ACM Merit Award in Public Policy Proposal ACM has a collection of awards for scientific and technical leadership, and for accomplishment in service. However, ACM has not given an award for accomplishment and leadership in public policy that corresponds to these other awards in prestige and visibility; no other major computing organization has a major award in this area.

USACM developed a proposal for an award to recognize an individual or small group that has had a significant positive impact on the formation or execution of public policy affecting computing or the computing community. The award is intended to honor efforts by individuals or groups that exhibit excellence in computing policy engagement, and to raise the profile of the role of policy engagement in the ACM community.

The ACM Awards Committee approved the proposal in May 2014. This new ACM policy award will be given every other year, starting in 2016.

> Special Committee Chair: Barbara Simons
> Special Committee Members: Charles Brownstein, Ollie Smoot, Chuck House, Stu Feldman, and former ACM Council member Bill Wulf
> Approval – USACM Council: April 2014
> Approval – ACM Awards Committee: May 2014
> Approval – ACM Executive Committee: June 2014

2.2 Multistakeholder Partnerships and Forums

USACM participated in the following multistakeholder partnerships and forums, with additional information given within the respective committee report in the appendices:

Identity Ecosystem Steering Group (IDESG) This private sector-led steering group, which was called for in President Obama's National Strategy for Trusted Identities in Cyberspace, is responsible for administering the development and adoption of the Identity Ecosystem Framework. *Privacy and Security Committee*

USPTO Software Partnership Coordinated by the U.S. Patent and Trademark Office, the Software Partnership brings together stakeholders through a series of roundtable discussions to share ideas, feedback, experiences, and insights on improving the quality of software-related patents. During the fiscal year, the stakeholders discussed the possible use of glossaries to improve claim clarity, prior art search techniques and resources, and functional language. *Intellectual Property Committee*

Internet Policy Task Force Multistakeholder Forums In support of a review of copyright law and the further development of a robust and effective copyright system, the U.S. Department of Commerce's Internet Policy Task Force held three multistakeholder forums, beginning in March 2014, focused on voluntary approaches to improve online copyright protection and enforcement. *Intellectual Property Committee*

U.S.-EU Trade Agreement Stakeholder Forums As part of the negotiating process for a new U.S.-EU free trade agreement, the United States and the European Union jointly held public forums to receive stakeholder input on specific issues relevant to the proposed Transatlantic Trade and Investment Partnership (TTIP) agreement. *Intellectual Property Committee*

Congressional Internet Caucus Advisory Committee This private-sector organization works to educate policymakers on critical technology-related issues. It is comprised of public interest groups, trade associations, nonprofits, and corporations from a broad

cross-section of the public interest community and Internet community. It hosts regular debates for Congressional staff and the public. The Advisory Committee takes no positions on legislation or regulations. *Law Committee*

2.3 Public Comments

USACM submitted or released the following comments and statements, with additional information given within the respective committee report in the appendices. The comments and statements are available for download on the USACM website.

August 2013

Comments on the W3C Non-Web Accessibility Guidelines – *Accessibility Committee*

Statement on the Appointment of the White House Public Engagement Advisor for the Disability Community – *Accessibility Committee*

Statement for the Congressional Record on the U.S. Trade Policy Agenda – *Intellectual Property Committee*

Comments to the Privacy and Civil Liberties Oversight Board – *Privacy and Security Committee*

September 2013

Comments to the White House on the Open Government National Action Plan v. 2.0 – *Digital Government Committee*

Comments on the Accessibility of E-Readers to the Federal Communications Commission – *Accessibility Committee*

October 2013

Comments to the President's Review Group on Intelligence and Communications Technologies – *Privacy and Security Committee*

January 2014

Statement on the Presidential Commission on Election Administration Final Report – *Voting Committee and Accessibility Committee*

March 2014

Comments to the White House Office of Science and Technology Policy on Big Data and Privacy Review – *Digital Government Committee and Privacy and Security Committee*

Follow-on Comments on Systems Engineering Analysis Recommendation to the Office of the Director of National Intelligence – *Privacy and Security Committee*

April 2014

Comments on the Creation of a New Public Interest Trade Advisory Council – *Intellectual Property Committee*

3. PLANS

3.1 Projects in Fiscal Year 2015

The following major in-progress projects will be completed or terminated in the coming year:

USACM and ACM Europe Council Joint Statement on US-EU Trade Agreement
The next negotiating round of the new U.S.-EU free trade agreement, the Transatlantic Trade and Investment Partnership (TTIP), will be held on July 15-18, 2014, in Brussels. This round will include a focus on intellectual property, e-commerce, trade in goods and services, and opportunities for small and medium enterprises. A joint statement and presentation to the negotiators will build on USACM's past engagement with U.S. policy leaders on intellectual property principles to consider when drafting and negotiating the proposed trade agreement.
> Responsible USACM Member: Eugene Spafford, Chair
> Responsible ACM Europe Council Member: Fabrizio Gagliardi, Chair
> Start Date: June 18, 2014
> Target End Date: July 18, 2014

Comments to the National Telecommunications and Information Administration on Big Data and Consumer Privacy
USACM is drafting comments in response to a request for comments on how big data can or could influence consumer data privacy practices and associated civil rights and privacy interests.
> *Multi-committee activity by the Digital Government Committee and the Privacy and Security Committee*
> Responsible Committee Members: Travis Breaux and Arnie Rosenthal
> Start Date: June 6, 2014
> Target End Date: August 5, 2014

3.2 Continuing Projects

USACM will continue its participation in the following multistakeholder partnerships and forums described further in Section 2.1 of this report:

- Identity Ecosystem Steering Group (IDESG)

- USPTO Software Partnership

- Internet Policy Task Force Multistakeholder Forums

- US-EU Trade Agreement Stakeholder Forums

- Congressional Internet Caucus Advisory Committee

3.3 New Projects

USACM will continue its work to engage with current ACM members and to connect with other ACM groups. In addition to possible new projects described within the committee reports in the appendices, USACM is exploring or contemplating the following projects that extend across several committees:

Congressional and Legislative Informatics USACM is exploring collaboration with other groups on a survey of congressional and legislative informatics. This survey could provide the groundwork for the next Joint Committee on the Organization of Congress, which Congress has formed roughly every twenty years since 1945 to study and make recommendations on measures to improve the operations of Congress and its ability to meet its Constitutional responsibilities. The last Joint Committee was twenty years ago in 1994, the same year that the White House website launched and the year before THOMAS.gov launched.

3.4 Diversity

USACM is composed of a diverse community of practitioners, researchers, managers, and other interested parties from government, industry, nonprofit organizations, academia, the self-employed, and the retired. USACM Council members, similar to its general membership, are located across diverse U.S. geographical locations; by nature, USACM membership is U.S.-focused.

USACM will continue its efforts to support and promote a diverse membership.

4. COMMENTS

Beyond their involvement in USACM, our members participated in public events, testified before Congress, served on federal advisory boards, served as authoritative resources for federal agencies, and contributed policy-related articles to ACM publications.

> **ACM Webinar on Cybersecurity and Public Policy** USACM Voting Committee Chair Jeremy Epstein moderated a policy-focused ACM webinar on June 25, 2014, sponsored by the ACM Learning Center in collaboration with the ACM Public Policy Office. The webinar featured Herbert Lin of the National Academies discussing the National Research Council report, "At the Nexus of Cybersecurity and Public Policy: Some Basic Concepts and Issues."
>
> **State of the Net 2014** USACM Co-Vice Chair Ed Felten was a featured speaker at the annual State of the Net conference in January 2014. The conference is the largest tech policy event of the year for Congress.

APPENDICES

Appendix A
Accessibility Committee

ANNUAL REPORT
of the ACCESSIBILITY COMMITTEE
of the ACM U.S. PUBLIC POLICY COUNCIL
For the Period: July 1, 2013 - June 30, 2014
Submitted by ___Harry Hochheiser_____
Committee Chair's Name

1. BASIC INFORMATION

1.1 Accessibility Committee Members

Harry Hochheiser (Chair)
Ben Bederson
Jean Camp
Jim Cohoon
Lillie Coney
Dave Farber
Stuart Feldman
Simson Garfinkel
Juan Gilbert
Don Gotterbarn
Sarah Granger
Juan Hourcade
Chuck House
Douglas Jones
Lorraine Kisselburgh
Jonathan Lazar
Clayton Lewis
Andy Oram
Andrew Sears
Ben Shneiderman
plus all members of USACM Council

1.2 Purpose of the Accessibility Committee

The purpose of this committee is to work within the larger USACM framework to encourage greater accessibility of computing technology to as broad a population as possible, regardless of physical, cognitive, and other disabilities that may limit an individual's ability to use a computer. The committee works to increase awareness of accessibility issues, to promote the development of appropriate tools, and to support the development of standards that will promote accessibility.

1.3 Accessibility Subcommittees

None

1.4 Accessibility Committee Meetings

All business is conducted via listserv discussions.

2. PROJECT SUMMARY

List all projects, of the committee or its subunits, that have been active at any time during the fiscal year. Use this format: Title, Description, Responsible Person, Start Date, and Status.

USACM Comments on Accessibility of E-Readers USACM submitted comments to the Federal Communications Commission (FCC) regarding a request by the Coalition of E-Reader Manufacturers to exempt e-readers from the accessibility requirements under the advanced communications services provisions of the Twenty-First Century Communications and Video Accessibility Act of 2010 (CVAA). The FCC referenced USACM's public comment four times in its Order. The FCC granted a one-year accessibility exemption for e-readers. Consistent with USACM's recommendations, the FCC adopted a limited-time rather than a permanent waiver.
Responsible Committee Member: Harry Hochheiser
Start Date: August 1, 2013
End Date: September 3, 2013

USACM Comments on Non-Web Accessibility Guidelines USACM submitted feedback to the W3C on the latest draft of the "WC3 Guidance on Applying WCAG 2.0 to Non-Web Information and Communications Technologies." The proposed guidance document seeks to provide informative guidance on how the international standards for web accessibility, known as the Web Content Accessibility Guidelines (WCAG) 2.0, can be interpreted and applied to non-web documents, software, and technologies. Consistent with USACM's recommendation, WC3 indicated that they would provide a high-level summary of the technical document.

Responsible Committee Member: Harry Hochheiser
Start Date: August 1, 2013
End Date: August 23, 2013

USACM Statement on the Appointment of the White House Public Engagement Advisor for the Disability Community USACM welcomed the appointment by President Obama of Claudia Gordon as the new White House Public Engagement Advisor for the Disability Community. The statement quotes ACM President Vint Cerf, USACM Accessibility Committee Chair Harry Hochheiser, and USACM Accessibility Committee member Jonathan Lazar.
Responsible Committee Member: Harry Hochheiser
Start Date: August 1, 2013
End Date: August 14, 2013

USACM Letter to the Presidential Commission on Election Administration USACM submitted a letter to the Presidential Commission on Election Administration urging it to consider within its scope assuring voting accessibility and usability to improve the voting experience for the wide range of voters, including voters with disabilities. The Presidential Commission released its report in January 2014. USACM issued a statement highlighting the final report's findings relevant to USACM.
Multi-committee activity with the Voting Committee
Responsible Committee Member: Harry Hochheiser
Start Date: April 15, 2013
Letter Date: June 20, 2013
Statement Date: January 23, 2014

Other Developments

The U.S. Department of Transportation cited research by Committee member Jonathan Lazar in its November 2013 rulemaking to require airlines to make their websites and airport kiosks more accessible for people with disabilities.

Committee Chair Harry Hochheiser and Committee member Jonathan Lazar wrote an article on "Interface Accessibility in the US: A Technical-Legal Challenge," published in the December 2013 edition of the *Communications of the ACM* (CACM).

Committee member Juan Gilbert presented on accessible voting technologies as part of two webinars sponsored by the Election Assistance Commission (EAC) and the National Institute of Science and Technology (NIST) in January and June 2014. He also presented on innovation in voting accessibility as part of the Accessibility and Innovation Initiative Speakers Series at the Federal Communications Commission (FCC) in March 2014.

ACM Distinguished Speaker Jeff Johnson served on a panel of experts discussing the usability of interfaces and native advertising at a Federal Trade Commission (FTC) Workshop on "Native Advertising" in December 2013.

Committee member Clayton Lewis delivered a presentation on "The Future of Inclusive Design Online" as part of the Accessibility and Innovation Initiative Speaker Series at the Federal Communications Commission (FCC) in July 2013.

3. PLANS

3.1 Proposed Projects

The Accessibility Committee is considering several possible projects directed at increasing awareness of accessibility concerns, including:

- Providing comments on the forthcoming Final Notice of Proposed Rulemaking for federal accessibility requirements under Section 508 of the Rehabilitation Act and Section 255 of the Telecommunications Act.

- Responding to the anticipated request for public comments on proposed Title II ADA regulations by the Department of Justice. The proposed regulations would address the obligations of state and local governments to make their websites accessible to and usable by individuals with disabilities.

- Developing guidance on web and mobile accessibility compliance policies.

- Raising awareness of accessibility issues during the 25th anniversary of the Americans with Disabilities Act (ADA) in 2015.

3.2 Diversity

USACM, as a whole, will continue its efforts to support and promote a diverse membership.

ACCESSIBILITY COMMITTEE APPENDIX

Address list of all committee members and other persons responsible for projects.

     Name: Harry Hochheiser
     Address: 5607 Baum Boulevard, Pittsburgh, PA 15206
     Phone: 412-648-9300
     Fax: 412-624-5310
     Email: hshoch@gmail.com
     Responsibility within the Committee: Chair

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Appendix B
Digital Government Committee

ANNUAL REPORT
of the DIGITAL GOVERNMENT COMMITTEE
of the ACM U.S. PUBLIC POLICY COUNCIL
For the Period: July 1, 2013 - June 30, 2014
Submitted by ___Jim Hendler_____
Committee Chair's Name

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1. BASIC INFORMATION

1.1 Digital Government Committee Members

Jim Hendler (Chair)
Jeremy Barksdale
Chris Bronk
Geoff Cohen
Lillie Coney
William Doane
Dave Farber
Stuart Feldman
Simson Garfinkel
Don Gotterbarn
Sarah Granger
Douglas Jones
Jonathan Lazar
Aaron Massey
Andy Oram
David Robinson
Ben Shneiderman
Doug Schuler
plus all the members of USACM Council

1.2 Purpose of the Digital Government Committee

The Digital Government Committee is interested in policies and technologies that can facilitate both the online operations of government and increased citizen participation in government.

1.3 Digital Government Subcommittees

None

1.4 Digital Government Committee Meetings

All business is conducted via listserv discussions.

2. PROJECT SUMMARY

List all projects, of the committee or its subunits, that have been active at any time during the fiscal year. Use this format: Title, Description, Responsible Person, Start Date, and Status.

Goals for the committee for the year include: increasing committee visibility and engagement with USACM members; increasing membership of the committee through proactive Digital Government policy work; raising federal government awareness of USACM Digital Government policy recommendations; and better engagement of committee members with subject matter expertise to improve USACM Digital Government guidance for areas under the committee's purview.

In September 2013, the Committee developed comments that Council approved on version 2.0 of the Open Government National Action Plan. The comments were submitted to the White House.

Responsible Committee Member: Jim Hendler
Start Date: September 4, 2013
End Date: September 30, 2013

In March 2014, the Committee worked with the Privacy and Security Committee to develop comments for the Office of Science and Technology Policy in connection with the Administration's Big Data review. The focus of the OSTP comments involved big data technology and their impacts, including effects on privacy and civil liberties.

Multi-committee activity with the Privacy and Security Committee
Responsible Committee Member: Jim Hendler
Start Date: March 7, 2014
End Date: March 30, 2014

3. PLANS

3.1 Proposed Projects

The chair is coordinating efforts with the ACM Public Policy Office staff, and the Chair of the USACM on new ideas for projects. The chair has conducted outreach to all committee members for comments and ideas about project development. If an initiative has sufficient support among Committee members and the larger group of USACM members then it will be pursued. Discussions have also begun about extending the committee, exploring how to work with state governments as a way to attract new members, and exploring what role USACM might play in encouraging more international efforts as the sharing of open government data, one of our themes, is increasingly becoming an important policy initiative of the United States in its own right (cf. the Open Government Partnership started by the U.S. State Department).

Additionally, as the U.S. government becomes increasingly reliant on technology for data storage, information dissemination, collaboration, productivity, security, and constituent engagement, the USACM will focus its efforts on monitoring and assisting in the goals of transparency, accuracy, and protection of the information and services placed online.

3.2 Diversity

USACM, as a whole, will continue its efforts to support and promote a diverse membership.

The need for more committee members is clear, and we will work with the USACM on increasing membership on all of these dimensions.

DIGITAL GOVERNMENT COMMITTEE APPENDIX

Address list of all committee members and other persons responsible for projects.

> Name: Jim Hendler
> Address:
> Phone:
> Email:
> Responsibility within the Committee: Chair

Appendix C
Intellectual Property Committee

ANNUAL REPORT
of the INTELLECTUAL PROPERTY COMMITTEE
of the ACM U.S. PUBLIC POLICY COUNCIL
For the Period: July 1, 2013 - June 30, 2014
Submitted by ____Paul Hyland_____
Committee Chair's Name

1. BASIC INFORMATION

1.1   Intellectual Property Committee Members

Paul Hyland (Chair)
Jeremy Barksdale
Eric Burger
Geoff Cohen
Lillie Coney
Bob Ellis
Dave Farber
Stuart Feldman
Miles Fidelman
Thomas Gideon
Barbara Helfer
Lee Hollaar
Chuck House
Paul Jacobs
Douglas Jones
Cem Kaner
Andy Oram
Garry Paxinos
David Robinson
Pam Samuelson
Bhavani Thuraisingham
David Wise
plus all members of USACM Council

1.2 Purpose of the Intellectual Property Committee

This committee is concerned with the different interests that need to be balanced concerning intellectual property. Interested in preserving the intellectual property rights of those producing new computing technology and services, the committee also wants to preserve fair use and other legitimate uses of things that might be protected under intellectual property rights.

1.3 Intellectual Property Subcommittees

None

1.4 Intellectual Property Committee Meetings

All business is conducted via listserv discussions.

2. PROJECT SUMMARY

List all projects, of the committee or its subunits, that have been active at any time during the fiscal year. Use this format: Title, Description, Responsible Person, Start Date, and Status.

USACM Statement for the Congressional Record on the U.S. Trade Policy Agenda
USACM submitted a statement for the Record to the U.S. House of Representatives Ways and Means Committee for the hearing on President Obama's trade policy agenda, featuring U.S. Trade Representative Michael Froman. The hearing touched upon major trade negotiations underway, including the Trans-Pacific Partnership (TPP), the Transatlantic Trade and Investment Partnership (TTIP), the Trade Facilitation Agreement (TFA), a possible Trade In Services Agreement (TISA), and an expansion of the WTO's Information Technology Agreement (ITA). USACM stressed the importance of intellectual property protections and enforcement, the role of innovation, and the need to protect the data privacy of individuals.

> Responsible Committee Member: Paul Hyland
> Start Date: July 25, 2013
> End Date: August 18, 2013

USACM Participation in the USPTO Software Partnership on Patents
USACM participated throughout the year in the U.S. Patent and Trademark Office (USPTO) Software Partnership through written comments and participation at meetings. Consistent with USACM's suggestion of a stakeholder meeting to discuss improved ways to identify and understand prior art for software patents, the USPTO held two Software

Partnership meetings focused on prior art. The first meeting in December 2013 focused on prior art tools to aid examiners. The second meeting in March 2014 focused on crowdsourcing prior art. An additional Software Partnership meeting in October 2013 focused on the use of glossaries to improve claim clarity and resulted in a 6-month pilot project launched in March 2014.

> Responsible Committee Member: Paul Hyland
> Start Date: July 1, 2013
> End Date: June 30, 2014

USACM Public Comment on New Public Interest Trade Advisory Council
USACM submitted comments to the U.S. Trade Representative (USTR) in support of creating a Public Interest Trade Advisory Committee. The public comment encourages the Advisory Committee, once established, to seek stakeholder input on trade-related principles and policies affecting public interests in the digital age. It further encourages the Advisory Committee to include quality technical information and advice from the computing community. Such technical information and advice will help the Advisory Committee better evaluate and strengthen policy recommendations to the USTR. The public comment highlights how USACM could contribute to trade policy discussions, particularly as they relate to the potential impacts of trade policies to intellectual property rights and their enforcement and the privacy, security, and accessibility of digital products and services.

> Responsible Committee Member: Paul Hyland
> Start Date: March 18, 2014
> End Date: April 16, 2014

USACM Participation in US-EU Trade Agreement Stakeholder Forum – 5th Round
USACM participated as a registered stakeholder in the fifth round of negotiations of the proposed Transatlantic Trade and Investment Partnership agreement in May 2014. The proposed treaty addresses a broad range of trade issues between the United States and the European Union, including e-commerce, intellectual property, and trade in goods and services. USACM urged the negotiators to foster innovation of software and computing and to minimize barriers that could impede the economic potential of digital trade and Internet-based services. More than 300 stakeholders representing stakeholders in Europe and the United States participated in the concurrent sessions of the Stakeholder Forum.

> Responsible Committee Member: Paul Hyland
> Responsible Staff: Renee Dopplick
> Start Date: May 19, 2014
> End Date: May 23, 2014

Other Developments

Committee member Pamela Samuelson wrote the following articles for the
Communications of the ACM (CACM):
- "Statutory Damages as a Threat to Innovation," July 2013.
- "Are We Free to Code the Law?" August 2013.
- "Is Software Patentable?" November 2013.
- "Mass Digitization as Fair Use," March 2014.

Committee member Pamela Samuelson spoke on a panel on "Access to Rights
Information" at a public hearing held in January 2013 by the U.S. Department of
Commerce's Internet Policy Task Force to discuss copyright issues raised in its report,
"Copyright Policy, Creativity, and Innovation in the Digital Economy."

Committee member Paul Jacobs continued to serve as an appointed member of the
USPTO Patent Public Advisory Committee (PPAC).

3. PLANS

3.1 Projects in Progress

The Intellectual Property Committee will continue to participate in the following
multistakeholder partnerships and forums:

USPTO Software Partnership Coordinated by the U.S. Patent and Trademark Office,
the Software Partnership brings together stakeholders through a series of roundtable
discussions to share ideas, feedback, experiences, and insights on improving the quality
of software-related patents. The Intellectual Property Committee will continue to explore
ways that USACM can provide meaningful input on improving the quality of software
patents.

Internet Policy Task Force Multistakeholder Forums The U.S. Department of
Commerce's Internet Policy Task Force will continue to hold multistakeholder forums for
stakeholders to identify and discuss voluntary approaches to improve online copyright
protection and enforcement. At the end of the fiscal year, the stakeholders were working
on identifying best practices and standardized forms for implementing online
infringement notice requirements. The Intellectual Property Committee will continue to
monitor and look for opportunities to engage on policy issues.

US-EU Trade Agreement Stakeholder Forums As part of the negotiating process for a new U.S.-EU free trade agreement, the United States and the European Union jointly hold public forums to receive stakeholder input on specific issues relevant to the proposed Transatlantic Trade and Investment Partnership (TTIP). USACM and the ACM Europe Council are considering a joint statement and presentation to the negotiators.

3.2 Proposed Projects

- Continue to participate actively in stakeholder events for proposed trade agreements involving intellectual property provisions.

- Continue to comment on regulatory and legislative reforms to address software and high-tech patents, as consistent with USACM's charter, core mission, and strategic priorities.

- Track and engage in discussions with federal agencies and Congress about major copyright reform. The reform is expected to be a multiyear process.

- Participate in the activities of the U.S. Trade Representative Public Interest Trade Advisory Committee, once established.

3.3 Diversity

USACM, as a whole, will continue its efforts to support and promote a diverse membership.

INTELLECTUAL PROPERTY COMMITTEE APPENDIX

Address list of all committee members and other persons responsible for projects.

> Name: Paul Hyland
> Address: 9508 Ocala St., Silver Spring, MD 20901
> Phone: 202-441-4142
> Email: paul@paulhyland.com
> Responsibility within the Committee: Chair

Appendix D
Law Committee

ANNUAL REPORT
of the LAW COMMITTEE
of the ACM U.S. PUBLIC POLICY COUNCIL
For the Period: July 1, 2013 - June 30, 2014
Submitted by ___Andrew Grosso_____
Committee Chair's Name

1. BASIC INFORMATION

1.1 Law Committee Members

Andrew Grosso (Chair)
Meg Leta Ambrose
Jeremy Barksdale
Steve Bellovin
Geoff Cohen
Lillie Coney
William Doane
Dave Farber
Stuart Feldman
Miles Fidelman
Thomas Gideon
Lance Hoffman
Lee Hollaar
Ron Jarvis
Douglas Jones
Cem Kaner
Vince Lipsio
Aaron Massey
James Moody
Andy Oram
Paul Otto
Garry Paxinos
Erika Poole
Mark Rasch
Chris Roberts
David Robinson
Anthony Ruocco

Pam Samuelson
Ollie Smoot
David Wise
Jessica Young
plus all members of USACM Council

1.2   Purpose of the Law Committee

The committee works within the broader USACM framework. The committee is dedicated to monitoring the federal legal landscape that affects computing policy issues and ensuring that such laws provide an environment conducive to innovation.

1.3   Law Subcommittees

None

1.4   Law Committee Meetings

All business is conducted via listserv discussions.

2.   PROJECT SUMMARY

List all projects, of the committee or its subunits, that have been active at any time during the fiscal year. Use this format: Title, Description, Responsible Person, Start Date, and Status.

Internal Support to USACM Committees on Legal Issues The committee supported other USACM committees to ensure appropriate understanding and consideration of relevant legal issues during the development of external public comments. The committee's work helped better inform USACM public statements and comments, particularly with regards to highly complex and specific legal issues related to privacy, cybersecurity, and intellectual property issues being addressed by the courts and in regulatory and legislative reforms.
  Multi-committee activity
  Responsible Committee Member: Andrew Grosso
  Start Date: July 1, 2013
  End Date: June 30, 2014

Congressional Internet Caucus Advisory Committee ACM Public Policy Office staff participated in the planning of Internet-related policy briefings for Congressional staff and the annual State of the Net conference. The Advisory Committee held events on mobile technologies, copyright, spectrum, broadband, digital currencies, Internet

governance, cloud storage, patents, and government surveillance. USACM served as a resource for speaker and topic recommendations.

> *Multi-committee activity*
> Responsible Committee Member: Andrew Grosso
> Responsible Staff: Renee Dopplick
> Start Date: July 1, 2013
> End Date: June 30, 2014

Other Developments

Committee member Pamela Samuelson wrote the following articles for the "Legally Speaking" column in the *Communications of the ACM* (CACM):

- "Statutory Damages as a Threat to Innovation," July 2013.
- "Are We Free to Code the Law?" August 2013.
- "Is Software Patentable?" November 2013.
- "Mass Digitization as Fair Use," March 2014.

3. PLANS

3.1 Proposed Projects

- Continue participation in the Congressional Internet Caucus Advisory Committee and the planning of events to be held on Capitol Hill.

- Continue discussions with legal professional associations, such as the American Bar Association and the American Intellectual Property Law Association, on ways that USACM and/or the Law Committee might work with these associations.

- Continue to educate policymakers and other stakeholders so that they can better understand cutting-edge issues of technology and apply that understanding to legislative, regulatory, and judicial activities.

3.2 Diversity

USACM, as a whole, will continue its efforts to support and promote a diverse membership.

LAW COMMITTEE APPENDIX

Address list of all committee members and other persons responsible for projects.

     Name: Andrew Grosso
     Address: 1101 Thirtieth Street, NW, Suite 300
     Phone: (202) 277-2865
     Email: agrosso@acm.org
     Responsibility within the Committee: Chair, Law Committee

Appendix E
Privacy and Security Committee

ANNUAL REPORT
of the PRIVACY AND SECURITY COMMITTEE
of the ACM U.S. PUBLIC POLICY COUNCIL
For the Period: July 1, 2013 - June 30, 2014
Submitted by ____Travis Breaux_____
Committee Chair's Name

1. BASIC INFORMATION

1.1 Privacy and Security Committee Members

Travis Breaux (Co-Chair, July 2013 to March 2014, and continuing as Chair)
Alan Rea (Co-Chair, July 2013 to March 2014)
Meg Leta Ambrose
Annie Antón
Steve Bellovin
Chris Bronk
Eric Burger
Jean Camp
James Cohoon
Lillie Coney
Lorrie Cranor
Brian Dean
William Doane
Julie Earp
Bob Ellis
Dave Farber
Stuart Feldman
Seymour Goodman
David Gordon
Sarah Granger
Rebecca Herold
Lance Hoffman
Maritza Johnson
Douglas Jones
Patrick Kelly
Lorraine Kisselburgh
Kim Lawson-Jenkins

Aaron Massey
Sam Morales
Peter G. Neumann
Andy Oram
Paul Otto
Garry Paxinos
Mark Rasch
Chris Roberts
David Robinson
Arnon Rosenthal
George Roussos
Anthony Ruocco
Pam Samuelson
Fred Schneider
Bhavani Thuraisingham
Lorenzo Valeri
David Wagner
Alec Yasinsac
Jessica Young
plus all members of USACM Council

1.2 Purpose of the Privacy and Security Committee

The Security and Privacy Committee serves to provide guidance and feedback from the ACM membership on emerging public policy issues that concern best practices for securing computing resources against threats and protecting individual privacy.

1.3 Privacy and Security Subcommittees

- Alan Rea and Stuart Shapiro, along with David Bruggeman in the ACM Public Policy Office, represented ACM and USACM in the Identity Ecosystem Steering Group (IDESG), which works on the infrastructure to engage with the National Strategy for Trusted Identities in Cyberspace. This activity involved several conference calls and five meetings (four in person) of the entire group during the last fiscal year. (July 2013, October 2013, January 2014, April 2014, June 2014)

- Ad hoc subcommittee on Security Vulnerability Reporting Best Practices led by L. Jean Camp to develop guidelines in cooperation with USENIX to aid security analysts to properly report vulnerabilities in a responsible manner that maximized benefits to companies, consumers and government.

1.4 Privacy and Security Committee Meetings

No meetings. Committee business is conducted by mailing list, and teleconferences are arranged as needed for ad hoc working groups.

2. PROJECT SUMMARY

List all projects, of the committee or its subunits, that have been active at any time during the fiscal year. Use this format: Title, Description, Responsible Person, Start Date, and Status.

Update to Letter on Cybersecurity Legislation The committee is examining possible updates to previous comments on cybersecurity legislation.
>   Responsible Committee Member: Travis Breaux
>   Start Date: June 2014
>   Status: Ongoing

Comments to National Telecommunications and Information Administration In response to a request for comment on how big data can or could influence consumer data privacy practices and associated civil rights and privacy interests.
>   Responsible Committee Members: Travis Breaux and Arnie Rosenthal
>   Start Date: June 6, 2014
>   Carried over into FY 2015: August 2014

Comments to Privacy and Civil Liberties Oversight Board In response to the Board's investigation of the privacy and civil liberties impacts of two kinds of national surveillance programs, USACM submitted comments.
>   Responsible Committee Member: Travis Breaux
>   Start Date: July 8, 2013
>   End Date: August 1, 2013

Comments to President's Review Group on Intelligence and Communications Technologies This group was appointed by the President to review how communications technologies can achieve national intelligence goals while respecting privacy and civil liberties, reducing unneeded disclosure and maintain the public trust.
>   Responsible Committee Member: Travis Breaux
>   Start Date: September 12, 2013
>   End Date: October 4, 2013

Comments to OSTP on Big Data and Privacy Review The White House Office of Science and Technology Policy (OSTP) requested comments on the effects of Big Data technologies, including on privacy and civil liberties. This was in connection with the

Administration's review of big data, and two reports released in May of 2014. Travis Breaux was quoted in the press releases issued in connection with those reports.

> *Multi-committee activity with the Digital Government Committee*
> Responsible Committee Member: Travis Breaux
> Start Date: March 7, 2014
> End Date: March 30, 2014

Comments on Cybersecurity Framework Request for Information (USACM opted out of commenting on the preliminary Framework and on version 1.0). The National Institute of Standards and Technology continues to work on the Cybersecurity Framework, and the Committee may decide to comment at a future date.

Statement on Criminal Penalties for Computing Activity
> Responsible Committee Member: Travis Breaux
> Start Date: January 10, 2014
> End Date: May 14, 2014 (release is pending appropriate opportunity)

Expansion of Our Systems Engineering Analysis Recommendation Led by Stu Shapiro, the project expands on one of the recommendations to the Privacy and Civil Liberties Oversight Board. The expansion was submitted to the Office of the Director of National Intelligence.
> Responsible Committee Member: Stu Shapiro
> Start Date: October 16, 2013
> End Date: March 20, 2014

3. PLANS

3.1 Proposed Projects

We are continuously monitoring emerging security and privacy policy issues that our membership can respond to. Presently, this includes an NTIA Big Data request for comments.

Security Reporting Best Practices project should be completed this year.

3.2 Diversity

USACM, as a whole, will continue its efforts to support and promote a diverse membership.

We are actively seeking younger members and encouraging participation among women and underrepresented minorities.

PRIVACY AND SECURITY COMMITTEE APPENDIX

Address list of all committee members and other persons responsible for projects.

Name: Travis Breaux
Address: 5000 Forbes Ave, Carnegie Mellon University, Pittsburgh, PA 15213
Phone: 412-268-7334
Fax: 412-268-3455
Email: tdbreaux@acm.org
Responsibility within the Committee: Chair

ANNUAL REPORT
of the VOTING COMMITTEE
of the ACM U.S. PUBLIC POLICY COUNCIL
For the Period: July 1, 2013 - June 30, 2014
Submitted by ___Jeremy Epstein_____
Committee Chair's Name

1. BASIC INFORMATION

1.1 Voting Committee Members

Jeremy Epstein (Chair)
Jeremy Barksdale
Lillie Coney
David Dill
Dave Farber
Stuart Feldman
Thomas Gideon
Juan Gilbert
Don Gotterbarn
Sarah Granger
Paul Jacobs
Douglas Jones
Cem Kaner
Kim Lawson-Jenkins
Vince Lipsio
Peter Neumann
Andy Oram
David Wagner
David Wise
Alec Yasinsac
plus all members of the USACM Council

1.2 Purpose of the Voting Committee

The Voting Committee focuses on the technologies associated with onsite and online voting and works to encourage policies that support the reliability, security and verifiability of public elections.

1.3 Voting Subcommittees

None

1.4 Voting Committee Meetings

All business is conducted via listserv discussions.

2. PROJECT SUMMARY

List all projects, of the committee or its subunits, that have been active at any time during the fiscal year. Use this format: Title, Description, Responsible Person, Starting Date, and Status.

During the last fiscal year, the USACM Voting Committee engaged in the following principal activities:

The Presidential Commission on Election Administration issued its report in January 2014. The USACM Voting Committee developed a letter to the commission (sent in June 2013), and several USACM members participated in a technology advisory group formed by the Commission.

USACM issued a statement when the Commission released its report, highlighting recommendations that reflected past USACM and ACM work on various components of electronic voting.

Responsible Committee Member: Jeremy Epstein, Barbara Simons
Letter Date: June 2013
Statement Date: January 23, 2014

3. PLANS

3.1 Proposed Projects

Most of the attention on voting continues to be in areas that aren't electronic voting technology. With 2014 a federal election year, there may be additional attention on voting technology. However, with the lack of resources (and commissioners) provided to the federal commissions responsible for election administration, there may not be much technology-related activity in voting.

Should this change, the committee stands ready to react consistent with our previous work in this area.

If there are to be major technology changes in voting, we anticipate it would be an increase in electronic delivery of registration forms and/or ballots. The interest in internet voting continues. As we have noted in previous years, it may be time to update the survey of ACM membership on electronic voting.

We will continue to solicit members for USACM and the Voting Committee at workshops and other meetings where computer scientists interested in voting technology gather.

3.2 Diversity

USACM, as a whole, will continue its efforts to support and promote a diverse membership.

VOTING COMMITTEE APPENDIX

Address list of all committee members and other persons responsible for projects.

Name: Jeremy Epstein
Address:
Phone:
Fax:
Email:
Responsibility within the Committee: Chair

Appendix G
USACM Membership

USACM had a membership of 96 individuals. Information about current USACM members is available at: http://usacm.acm.org/members.cfm

Eugene H. Spafford (Chair)
Ed Felten (Co-Vice Chair)
Stuart Shapiro (Co-Vice Chair)
Meg Leta Ambrose
Annie Antón
Jeremy Barksdale
Ben Bederson
Steve Bellovin
Travis Breaux
Chris Bronk
Charles Brownstein
Eric Burger
Jean Camp
Sunny Choi
Geoff Cohen
James Cohoon
Lillie Coney
Lorrie Cranor
Brian Dean
David Dill
William Doane
Julie Earp
William Alan Edelstein[*]
Bob Ellis
Jeremy Epstein
Dave Farber
Stuart Feldman
Mark Ferneau
Miles Fidelman
Simson Garfinkel
Thomas Gideon
Juan Gilbert

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[*] William Alan Edelstein, Ph.D., passed away in February 2014. His research included a methodology for estimating the number of touch-screen voting machines to minimize polling lines. He was a pioneer in the technologies used in high-resolution MRI, the holder of 49 patents, and a prodigious contributor to publications and the computing field. http://en.wikipedia.org/wiki/William_A._Edelstein

Seymour Goodman
David Gordon
Don Gotterbarn
Sarah Granger
Andrew Grosso
Barb Helfer
Jim Hendler
Rebecca Herold
Harry Hochheiser
Lance Hoffman
Lee Hollaar
Juan Pablo Hourcade
Chuck House
Paul Hyland
Ron Jarvis
Paul Jacobs
Maritza Johnson
Douglas W. Jones
Cem Kaner
Patrick Kelly
Lorraine Kisselburgh
Kim Lawson-Jenkins
Jonathan Lazar
Clayton Lewis
Sam Liles
Vincent Lipsio
Aaron Massey
Jeanna Matthews
James Moody
Sam Morales
Peter G. Neumann
Andy Oram
Paul Otto
Barbara Owens
Garry Paxinos
Jon Peha
Erika Poole
Mark Rasch
Alan Rea
Jennifer Rexford
Chris Roberts
David Robinson
Arnon Rosenthal

George Roussos
Anthony S. Ruocco
Pam Samuelson
Curtis Sawyer
Fred Schneider
Andrew Sears
Ben Shneiderman
Doug Schuler
Barbara Simons
Jonathan M. Smith
Ollie Smoot
Jim Thatcher
Bhavani Thurasingham
Lorenzo Valeri
Emil Volcheck
David Wagner
Willis Ware[*]
David Wise
Alec Yasinsac
Jessica Young
Stu Zweben

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[*] Willis Ware, Ph.D., passed away in November 2013. One of the most influential and visionary professionals in computing, he devoted his lifetime to advancing computing security and privacy, computer science education, and the computing field. His exceptional and seminal contributions to the computing field, public policy, and society earned widespread recognition, including the distinctions of being an ACM Fellow and being inducted into the Cyber Security Hall of Fame. https://www.cerias.purdue.edu/site/blog/post/the_passing_of_a_pioneer/