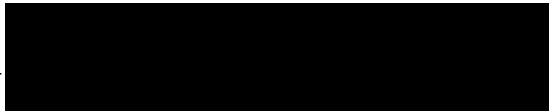


Committee on Energy and Commerce
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Alissa Cooper		
2. Your Title: Chair		
3. The Entity(ies) You are Representing: IANA Stewardship Transition Coordination Group (ICG)		
4. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No X
5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2013. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.		
6. Please attach your curriculum vitae to your completed disclosure form.		

Signature: _____



Date: 3/14/16

ALISSA COOPER

EDUCATION

University of Oxford Oxford, UK **Oct 2009 – Jan 2014**
 Doctor of Philosophy in Information, Communication, and the Social Sciences
 Thesis Title: How Regulation and Competition Influence Discrimination in Broadband
 Traffic Management: A Comparative Study of Net Neutrality in the US and the UK

Stanford University Stanford, CA **Sept 1999 – June 2005**
 Master of Science in Computer Science 3.85 GPA • Completed June 2005
 Bachelor of Science in Computer Science 3.62 GPA • Completed June 2004

PROFESSIONAL EXPERIENCE

Cisco Systems San Jose, CA **Dec 2013 – Present**
Distinguished Engineer
 Drive privacy, policy, and standards strategy within Cisco's Collaboration Technology Group • Guide voice/video/conferencing product and engineering teams on all aspects of privacy design, data protection, and data sovereignty • Support cross-functional company-wide privacy, policy, and governance initiatives • Serve as Applications and Real-Time (ART) Area Director within the IETF • Serve as Chair of the IANA Stewardship Transition Coordination Group (ICG)

Internet Engineering Steering Group (IESG) **Mar 2013 – Present**
Area Director (supported by Cisco)
 Supervise standardization work in the Applications and Real-Time (ART) Area • Incubate new standardization work related to applications and real-time communications • Manage 10-20 working groups • Provide technical reviews of all pending IETF standards • Provide guidance about management and administration of the IETF

IANA Stewardship Transition Coordination Group (ICG) **Aug 2014 – Present**
Chair (supported by Cisco)
 Lead the group coordinating the development of an operational proposal to transition the stewardship of the IANA functions • Drive discussions and work towards consensus on all matters before the group • Author substantive and administrative group documents • Chair calls and meetings • Work with independent secretariat to manage web site, communications, and relationships with other groups

Broadband Internet Technical Advisory Group (BITAG) **Feb 2011 – Present**
Technical Working Group Member (supported by Cisco, previously by CDT)
 Collaborate with network engineers from across industry and academia to develop consensus about broadband network management practices • Assist in authoring reports on topics such as DNS operations, the IPv6 transition, denial of service attacks, port blocking, and congestion management.

Center for Democracy & Technology (CDT) Washington, DC
Chief Computer Scientist **Jan 2008 – Nov 2013**
Policy Analyst **Jan 2006 – Dec 2007**
 Technical expert role, providing leadership and management of CDT's technical work • Advance technical approaches and develop public policies to promote innovation and privacy online • Conduct original research and write extensively about Internet issues, including net neutrality, technical standards, and location privacy • Collaborate with industry, civil society, and researchers on technical

standards and best practices • Serve as technical liaison between CDT and engineers at technology companies and within Internet standards bodies • Have testified before the US Congress and FTC.

Internet Architecture Board (IAB)

Member (supported by CDT)

Mar 2011 – Mar 2013

Provide architectural oversight for the IETF • Lead the IAB Privacy Program, managing the IAB's team and strategy for developing and establishing privacy design considerations within the Internet technical community • Assist in managing the IETF's external relationships with other standards bodies, governments, the Internet Society, and ICANN • Incubate and manage new Internet engineering work.

FCC Open Internet Advisory Committee

Member (supported by CDT)

July 2012 – Oct 2013

Together with a diverse committee membership, provide advice and insights to the FCC concerning technical and business developments affecting Internet openness and the FCC's Open Internet Order.

IETF Geographic Location/Privacy Working Group

Chair (supported by CDT)

Mar 2009 – Mar 2013

Manage IETF work on protocols and data formats for the transmission of location information via HTTP and DHCP • Develop a privacy architecture allowing users to specify how their location should be used.

Oxford Internet Institute

Oxford, UK

Oct 2011 – Dec 2011

Teaching Assistant, Internet Technologies and Regulation

Facilitated discussions among masters students about Internet governance, digital copyright, technological convergence, and other course topics.

Kirch, et al. v. Embarq, et al.

Washington, DC

Jan 2011 – Mar 2011

Deering, et al. v. CenturyTel, Inc., et al.

Expert Witness

Provided written expert testimony and oral depositions on behalf of plaintiffs in two US District Court proceedings concerning the use of deep packet inspection technology for behavioral advertising by Internet service providers.

British Telecom (BT) Innovate & Design

Ipswich, UK

Aug 2010 – Dec 2010

Researcher, Future Communications Architecture Team

Analyzed network data and conducted research on a variety of topics, including bandwidth usage, impact of traffic management, and interconnecting traffic rates • Conducted research comparing BT's traffic management and fair usage policies to those of competitors • Compiled an internal report modeling the impact of different traffic management strategies in terms of bandwidth usage and cost.

Stanford Computer Science Dept.

Stanford, CA

Oct 2004 – June 2005

Research Assistant

Researched and analyzed massive botnet attacks and countermeasures • Compiled a comprehensive malware report for the U.S. Department of Homeland Security • Created parsing tools to help U.S. Secret Service agents analyze public Internet chat room data.

Voltage Security, Inc.

Palo Alto, CA

June 2004 – Sept 2004

Software Development Intern

Implemented a prototype to extend Voltage SecureMail to BlackBerry wireless handsets • Resolved outstanding bugs in Voltage's BlackBerry server software • Developed a SecureMail BlackBerry test suite.

United States Secret Service

San Jose, CA

June 2003 – Dec 2003

Electronic Crimes Task Force Computer Science Intern

Developed a data parsing tool to help law enforcement officials combat credit card fraud over Internet chat • Made all design decisions for the tool • Presented the tool to industry and government officials.

EXTERNAL ADVISORY BOARDS

Leone

Aug 2012 – Apr 2015

European Commission-funded research project focused on broadband measurement, quality of experience, and network management • Partners include BT, Telecom Italia, SamKnows, UC3M.

Team for Research in Ubiquitous Secure Technology (TRUST)

Oct 2010 – Oct 2014

NSF-funded research collaboration to develop cyber security science with a focus on privacy and data protection • Partners include Stanford, Berkeley, Cornell, CMU.

PUBLICATIONS

- **Technical Considerations for Internet Service Blocking and Filtering**, R. Barnes et al., Internet Engineering Task Force (IETF), March 2016.
- **Net neutrality: Discrimination, competition, and innovation in the UK and US**, A. Cooper and I. Brown, ACM Transactions on Internet Technology, Feb. 2015.
- **How Regulation and Competition Influence Discrimination in Broadband Traffic Management: A Comparative Study of Net Neutrality in the United States and the United Kingdom**, A. Cooper, Doctoral Thesis, University of Oxford, 2013.
- **How Competition Drives Discrimination: An Analysis of Broadband Traffic Management in the UK**, A. Cooper, 41st Research Conference on Communication, Information, and Internet Policy (TPRC), Aug. 2013.
- **RFC 6973, Privacy Considerations for Internet Protocols**, A. Cooper et al., Internet Engineering Task Force (IETF), July 2013.
- **RFC 6462, Report from the Internet Privacy Workshop**, A. Cooper, Internet Engineering Task Force (IETF), Jan. 2012.
- **Net Neutrality Discourses: Comparing Advocacy and Regulatory Arguments in the US and the UK**, A. Powell and A. Cooper, The Information Society, vol. 27, no. 5, Sept. 2011.
- **Bandwidth Usage and Management: A UK Case Study**, A. Cooper, A. Jacquet, and A. Soppera, 39th Research Conference on Communication, Information, and Internet Policy (TPRC), Sept. 2011.
- **Doing the DPI Dance: Assessing the Privacy Impact of Deep Packet Inspection**, A. Cooper, *Privacy in America: Interdisciplinary Perspectives*, W. Aspray and P. Doty (eds.), Scarecrow Press, 2011.
- **RFC 6280, An Architecture for Location and Location Privacy in Internet Applications**, R. Barnes et al., Internet Engineering Task Force (IETF), July 2011.
- **GEOPRIV: Creating Building Blocks for Managing Location Privacy on the Internet**, A. Cooper and T. Hardie, Internet Engineering Task Force (IETF) Journal, vol. 5, no. 2, Sept. 2009.
- **RFC 5594, Report from the IETF Workshop on Peer-to-Peer (P2P) Infrastructure**, J. Peterson and A. Cooper, Internet Engineering Task Force (IETF), July 2009.
- **Binding Privacy Rules to Location on the Web**, A. Cooper and J. Morris, Proceedings of the 2nd International Workshop on Location and the Web, LocWeb '09, vol. 370, ACM, pp. 1-4.

- **A Survey of Query Log Privacy-Enhancing Techniques from a Policy Perspective**, A. Cooper, ACM Transactions on the Web (TWEB), vol. 2, issue 4, Oct. 2008.
- **Testimony of Alissa Cooper before the U.S. House of Representatives Committee on Energy and Commerce**, "What Your Broadband Provider Knows About Your Web Use: Deep Packet Inspection and Communications Laws and Policies," July 2008.
- **Privacy and Identity Management**, M. Hansen, A. Schwartz, and A. Cooper, IEEE Security and Privacy, vol. 6, no. 2, pp. 38-45, Mar./Apr. 2008.

AWARDS AND ACTIVITIES

Awards

- Oxford Internet Institute Scholarship recipient, 2009-11
- St. Catherine's College Light Senior Scholarship recipient, 2010-11
- Google Anita Borg Scholarship EMEA finalist, 2010
- U.S. National Collegiate Athletic Association Postgraduate Scholarship Nominee, 2004
- Pacific-10 All-Academic Second Team, 2002, and Honorable Mention, 2001 and 2003
- U.S. National Collegiate Gymnastics Coaches Academic All-American, 2000-2003

Activities

- Qualifier, USA Triathlon Age Group National Championship, 2013
- Student representative, Oxford Internet Institute Academic Committee, 2011
- Student representative, Oxford Internet Institute Graduate Studies Committee, 2010
- Member, National Capital YTri Triathlon Club, 2008-09 and 2012-13
- Tax preparer, Washington DC Volunteer Income Tax Assistance program, 2007-08
- Computer skills instructor, Coutos community center, Salvador, Brazil, 2005
- Computer science tutor for Stanford student-athletes, 2004-05
- President, Stanford Women in Computer Science, 2003-04
- Stanford Women's Gymnastics team captain in 2001 and 2003