## E. Gabriella Coleman

# Wolfe Chair in Scientific and Technological Literacy McGill University

(last revised June, 2013)

Department of Art History and Communication Studies McGill University 853 Sherbrooke St. W. Montreal, QC H3A 2T6 Canada http://gabriellacolman.org [001] 514-398-XXXX gabriella.coleman@mcgill.ca

## **Education**

## University of Chicago, Chicago, IL

Ph.D., Socio-cultural Anthropology, August 2005 M.A., Socio-cultural Anthropology, August 1999

Dissertation: "The Social Construction of Freedom in Free and Open Source Software:

Hackers Ethics, and the Liberal Tradition"

Research location:: San Francisco, CA and Netherlands Funding: SSRC and NSF, August 2001-May 2003

# Columbia University, New York, NY

B.A., Religious Studies, May 1996

## **Positions**

## Faculty Associate, Berkman Center for Internet & Society

Harvard University, Cambridge, MA September 2013-September 2014

## Assistant Professor and Wolfe Chair in Scientific and Technological Literacy, Department of Art History and Communication Studies

(Affiliated with Department of Anthropology) McGill University, Montreal, Quebec January 2012-present

## Assistant Professor, Department of Media, Culture, and Communication

Steinhardt School of Culture, Education, and Human Development New York University, New York, NY September 2007-December 2010

#### **Faculty Fellow, School of Social Science**

Institute for Advanced Study, Princeton, NJ September 2010-June 2011

Izaak Walton Killam Memorial Postdoctoral Fellow, Program in Science, Technology and Society

University of Alberta, Edmonton, Alberta September 2006-September 2007

## Postdoctoral Fellow, Center for Cultural Analysis

Rutgers University, New Brunswick, NJ July 2005-July 2006 Center Theme for 2005-2006: Intellectual Property

# **Grants and Fellowships**

## FQRSC (Fonds de recherche Société et culture du Québec)

Team Member (Principal Investigator: Christine Ross, McGill University, Department of Art History and Communication Studies). Funding for "Esthétique, nouveaux médias et la (ré)configuration de l'espace public", 2013-2016. [\$12,330 CAD per year, total: \$303,600 CAD for the entire team].

## National Science Foundation, Program in Science, Technology, and Society

(With Christina Dunbar-Hester, Rutgers University, School of Communication and Information). Funding for "Geek Feminisms: Activism, Technical Practice, and Gender Bending", 2011-2012.[Two year funded granted for \$147,500 US. One year of funding at \$73,750 accepted].

## **Humanities Initiative, New York University, Technologies of Mediation**

Co-applicant (with Ben Kafka, New York University, Department of Media, Culture, and Communication; Clifford Siskin and Robert Young, New York University, Department of English). Funding for seminars and workshops on mediation, technology, and the Enlightenment, New York, NY. September 2009-September 2012 [\$5000 US].

## Institute for Public Knowledge, New York University, Techniques of Liberalism

Co-applicant (with Ben Kafka, New York University, Department of Media, Culture, and Communication). Funding for a year-long seminar series to read and critique texts in liberal thought with junior faculty members and invited participants. New York, NY. September 2008-September 2009 [\$5000 US].

## Ford Foundation Educational Grant, Visiting Scholar (Brazil)

Funding to visit Programa de Pos Graduação em Antropologia Social da Universidade Federal do Rio Grande do Sul and to present my work on Free Software, Intellectual Property, and the Liberal Tradition. Porto Alegre, Brazil. June 2008 [\$5000 US].

## Summer Institute for Junior Scholars, Law and Society Association

University of the Witwatersrand, Johannesburg, South Africa. July 2006.

## Charlotte Newcombe Fellowship, Woodrow Wilson Foundation

Dissertation writing fellowship for study of ethical and religious values. September 2003-September 2004.

# **Dissertation Improvement Grant, National Science Foundation**

Dissertation research grant from Societal Dimensions of Engineering, Science and Technology. September 2002-May 2003.

## Fieldwork Grant, Social Science Research Council

Dissertation research grant for study of non-profits and philanthropy. San Francisco, CA.

September. 2001-September 2002.

## **Graduate Studies Fellowship, National Science Foundation**

Three-year fellowship for graduate studies. July 1998-June 2001.

## **Summer Travel Grant, University of Chicago**

Travel funded by Center for Latin American Studies for research in Dominican Republic. July 1998.

## **Summer Travel Grant, University of Chicago**

Travel funded by Race, Politics, and Culture Center for research in Guyana. July 1999.

# Graduate Fellowship, University of Chicago

Four-year fellowship. October 1997-June 1998.

## **Honors and Distinctions**

## Anvil of Freedom Award, University of Denver

Awarded to individuals and organizations that demonstrate true leadership and commitment to democratic freedoms, ethics, and integrity. October 2013.

# Gabriel Carras Research Award, New York University, Steinhardt School of Culture, Education, and Human Development

Awarded for "Code is Speech: Legal Tinkering, Expertise, and Protest among Free and Open Source Software Developers", *Cultural Anthropology*. April 2009.

# Sol Tax Dissertation Prize, University of Chicago, Department of Anthropology

Awarded for dissertation combining highest intellectual merit with relevance to anthropology and action. June 2006.

# Julien Mezey Dissertation Award, Association for the Study of Law, Culture and Humanities

Awarded for dissertation most promising to enrich and advance interdisciplinary scholarship at the intersection of law, culture, and the humanities. March 2006.

# Frederick K. Starr Lecturer, University of Chicago, Department of Anthropology

Lectureship awarded to four advanced Ph.D. students to teach an undergraduate course of their own design. January 2005.

# Roy D. Albert Prize, University of Chicago.

Best master's thesis in Anthropology: "The Politics of Survival and Prestige: Hacker Identity and the Global Production of an Operating System". June 2000.

## **Publications**

In Print

#### **Books/Manuscripts**

Coding Freedom: The Ethics and Aesthetics of Hacking. Princeton University Press. November 2012.

## **Articles in Scholarly Journals** (refereed unless otherwise noted)

Am I Anonymous? *Limn*, Issue 2: Crowds and Clouds. Chris Kelty, ed. May 2012. <a href="http://limn.it/am-i-anonymous/">http://limn.it/am-i-anonymous/</a>

Our Weirdness is Free: The logic of Anonymous—online army, agent of chaos, and seeker of justice. *Triple Canopy*, (15)2012.

http://canopycanopycanopy.com/15/our weirdness is free

[translated Gabriella Coleman: Notre etrangete est libre de droits. In May 9(6)2012:96-111.]

Hacker Politics and Publics. *Public Culture*, 23(3)2011: 511-516. [translated Gabriella Coleman: Politik und Öffentlichkeit der Hacker. In: Astrid Bötticher, Hans-Jürgen Lange: Cyber-Sicherheit. VS Verlag für Sozialwissenschaften. Wiesbaden.]

Ethnographic Approaches to Digital Media. *Annual Review of Anthropology*, (39)2010: 487-505.

Hacking In-Person: The Ritual Character of Conferences and the Distillation of a Life-World. *Anthropological Quarterly*, 83(1)2010: 99-124.

Code is Speech: Legal Tinkering, Expertise, and Protest among Free and Open Source Software Developers. *Cultural Anthropology*, 24(3)2009: 420-454.

Hacker Practice: Moral Genres and the Cultural Articulation of Liberalism (with Alex Golub). *Anthropological Theory*, 8(3)2008: 255-277. [First author]

Los Temps d'Indymedia. Multitudes, (21)2005: 41-48.

The Political Agnosticism of Free and Open Source Software and the Inadvertent Politics of Contrast. *Anthropological Quarterly*, 77(3)2004: 507-519.

Iconic Tactics: How Free Became Open and Everything Else Under the Sun (with Benjamin Hill). *M/C Journal*, 7(3)2004. [Co-author] <a href="http://journal.media-culture.org.au/0406/02">http://journal.media-culture.org.au/0406/02</a> Coleman-Hill.php

High-Tech Guilds in the Era of Global Capital. *Anthropology of Work Review*, 22(1)2001: 28-32.

# Chapters in Edited Books (refereed unless otherwise noted)

Anonymous and the Politics of Leaking. In *Beyond WikiLeaks: Implications for the Future of Communications, Journalism and Society*, Benedetta Brevini, Arne Hintz, and Patrick McCurdy, eds. Basingstoke, UK: Palgrave Macmillan, 2013.

Phreaks, Hackers, and Trolls and the Politics of Transgression and Spectacle. In *The Social Media Reader*, Michael Mandiberg, ed. New York: NYU Press, 2012.

Revoluções Silenciosas: o Irônico Surgimento do Software Livre e de Código Aberto e a Constituição de uma Consciência Legal Hacker. In *Estudos de Propriedade Intelectual*, Fachel Leal Ondina (Org.). Porto Alegre: Editora Tomo, 2010. \*not refereed

The Politics of Rationality: Psychiatric Survivors' Challenge to Psychiatry. In *Tactical Biopolitics*, Kavita Phillip and Beatriz de Costa, eds. Cambridge: MIT Press, 2008.

The (copylefted) Source Code for the Ethical Production of Information Freedom. In *Sarai Reader 2003: Shaping Technologies*, New Delhi: Sarai, New Media Initiative, 2003. \*not refereed

#### **Book Reviews**

Hacking (Tim Jordan). Book Review. Journal of Communication, 59(4)2010: 19-22.

Copy, Rip, Burn: The Politics of Copyleft and Open Source (David Berry). Book Review. *Times Higher Education*, February 2009.

Code: Collaborative Ownership and the Digital Economy (Rishab Aiyer Ghosh, ed.). Book Review. *The Information Society*, 23(2)2007.

Artifacts: An Archeologist's Year in Silicon Valley (Christine Finn). Book Review. *Technology and Culture*, (44)2003: 196-197.

## **Encyclopedia Articles and Reports**

Anonymous. *A Glossary of Network Ecologies*, Carolin Wiedemann and Soenke Zehle, eds. Amsterdam: Institute of Network Cultures. November 2012.

## **Forthcoming Publications**

#### **Books**

Doing it for the Lulz: Anonymous and the Politics of Dissent. (Manuscript in preparation, under contract with Verso).

**Articles in Scholarly Journals** (refereed unless otherwise noted)

The Aphorisms of Anonymous. *Journal of Visual Culture*, "Special Issue on Internet Memes and Visual Culture", 2014.

Chapters in Edited Books (refereed unless otherwise noted)

Close to the Metal (with Finn Brunton). In *Mediation, Materiality, Maintenance: Paths Forward in the Study of Media Technologies*, Tarleton Gillespie, Pablo Boczkowski, and Kirsten Foot, eds. Cambridge, MA: MIT Press, 2014.

**Encyclopedia Articles and Reports** (refereed unless otherwise noted)

Anonymous in Context. Centre for International Governance Innovation, Policy Report, 2013.

Hackers. *Johns Hopkins Guide to Digital Textuality*, Marie-Laure Ryan, Lori Emerson, and Benjamin Robertson, eds. Baltimore, MD: Johns Hopkins University Press, 2014.

## **Popular Pieces**

Code Is Speech: Hackers attempt to write themselves into the Constitution. *Reason Magazine*, April 2013.

http://reason.com/archives/2013/03/21/code-is-speech

Geeks are the New Guardians of our Civil Liberties. *MIT Technology Review*, February 2013.

http://www.technologyreview.com/news/510641/geeks-are-the-new-guardians-of-our-civil -liberties/

Hackers for Right, We are Down One. *Huffington Post*, January 2013. <a href="http://www.huffingtonpost.com/gabriella-coleman/hackers-for-right-we-are-b2472307">http://www.huffingtonpost.com/gabriella-coleman/hackers-for-right-we-are-b2472307</a>. <a href="http://www.huffingtonpost.com/gabriella-coleman/hackers-for-right-we-are-b2472307">http://www.huffingtonpost.com/gabriella-coleman/hackers-for-right-we-are-b2472307</a>.

Beacons of Freedom: The Changing Face of Anonymous. *Index on Censorship*, December 2012.

http://www.indexoncensorship.org/2012/12/beacons-freedom-hacking-anonymous/ (republished in German in "Jahrbuch Netzpolitik 2012 - Von A wie ACTA bis Z wie Zensur")

Everything You Know about Anonymous is Wrong. *Al Jazeera*, May 2012. http://www.aljazeera.com/indepth/opinion/2012/05/201255152158991826.html

Another Tech Pioneer, Dennis Ritchie, Passes [with Chris Kelty]. *Al Jazeera*, October 2011. http://www.aljazeera.com/indepth/opinion/2011/10/20111017101758923914.html

The Ethics of Digital Direct Action. *Al Jazeera*, September 2011. http://www.aljazeera.com/indepth/opinion/2011/08/20118308455825769.html

Hacker Culture: A Response to Bruce Sterling on WikiLeaks. *The Atlantic*, December 2010. <a href="http://www.theatlantic.com/technology/archive/2010/12/hacker-culture-a-response-to-bruce-sterling-on-wikileaks/68506/">http://www.theatlantic.com/technology/archive/2010/12/hacker-culture-a-response-to-bruce-sterling-on-wikileaks/68506/</a>

What It's Like to Participate in Anonymous' Actions. *The Atlantic*, December 2010. <a href="http://www.theatlantic.com/technology/archive/2010/12/what-its-like-to-participate-in-a nonymous-actions/67860/">http://www.theatlantic.com/technology/archive/2010/12/what-its-like-to-participate-in-a nonymous-actions/67860/</a>

The Anthropology of Hackers. *The Atlantic*, September 2010. <a href="http://www.theatlantic.com/technology/archive/2010/09/the-anthropology-of-hackers/63">http://www.theatlantic.com/technology/archive/2010/09/the-anthropology-of-hackers/63</a> 308/

# **Presentations**

## **Invited Keynotes and Plenary Talks**

Weapons of the Geek. Plenary at Personal Democracy Forum, New York, NY, June 2013.

*Hacker Ethics and Aesthetics.* Keynote at FOSCONS2012, Göteborg, Sweden, November 2012.

*Profiling Anonymous*. Keynote at 7<sup>th</sup> Annual Paul Attallah Lecture Series, Communication Department, Carleton University, Ottawa, Ontario, March 2012.

*E Plurbius Anonymous: In Lulz We Trust.* Plenary at Webstock 12, Wellington, New Zealand, February 2012.

From Lulz to Collective Action. Plenary at Cidadania e Redes Digitais. Universidade Metodista Sao Paolo, Brazil, October 2011.

Anonymous: From Trolling to Digital Activism and Civil Disobedience. Plenary at Re:publica, Berlin, Germany, April 2011.

'I did it for the Lulz! but I stayed for the outrage:' Internet Trolls, the Politics of Spectacle, and Geek Protests against the Church of Scientology. Keynote at Brazilian Cyberstudies Association Meeting (ABCiber), Rio, Brazil, November 2010.

A User's Guide to Lulzy Media, the Pleasure of Trickery, and the Politics of Spectacle: from Luddites to Anonymous (with Finn Brunton). Plenary at Hackers on Planet Earth, New York, NY, July 2010.

*Cabals, Crisis, and Conflict*. Keynote at Developing the Virtual Society: Conflict in Adoption of Collaborative Networks Conference, University of Hull, Hull, England, March 2010.

These are the Best of Times and these are the Worst of Times: F/OSS and the Global Politics of Intellectual Property Law. Keynote at Linux.conf.au Conference, Wellington, New Zealand, January 2010.

*The Politics and Poetics of DeCSS.* Featured Talk at Open Video Conference, New York University, New York, NY, June 2009.

Variants of Hacking. Inaugural Plenary for Digital Humanities Study Group at CUNY Graduate Center, New York, NY, October 2009.

#### **Invited Seminars and Lectures**

Weapons of the Geek: Liberation Technology Speaker Series, Stanford University, Stanford, CA, November 2012; Computer Science Privacy Speaker Series, University of Waterloo, Waterloo, Ontario, January 2013; Anthropology STANDD Lecture Series, McGill University, Montreal, Quebec, February 2013; Anthropology Speaker Series, Brown University, Providence, RI, March 2013.

*The Aphorisms of Anonymous*. Habits of Living Conference, Brown University, Providence, RI, March 2013.

Coding Freedom. Montreal Google Speakers' Series, Montreal, Quebec, February 2013.

Anonymous. TED Global, Edinburgh, Scotland, June 2012.

Doing it for the Lulz: Anonymous and the Politics of Dissent. Anthropology Department, University of Toronto, Toronto, Ontario, March 2012.

E Plurbius Anonymous: In Lulz We Trust. Building Better Speech and Globe Series.

Parsons School of Design, New York, NY, November 2011.

The Value of Opacity in the Age of Surveillance. Creative Activism Thursdays, Yes Men Labs, New York University, New York, NY, November 2011.

From Digital Direct Action to Leaking: How to Understand the Politics of Anonymous. New Media/Social Change Symposium, International Institute, University of Michigan, Ann Arbor, MI, November 2011.

*Hacktivism, Vigilantism and Collective Action in a Digital Age.* Brookings Institution, Washington, DC, December 2011.

*Troll as Liberal Trickster*. Cultures of the Internet: Identity, Community and Mental Health Conference, Advanced Study Institute, Division of Social and Transcultural Psychiatry, McGill University, Montreal, Quebec,, April 2011.

Anonymous: From the Offensive Internet to Human Rights Activism. Department of Art History and Communication Studies Speakers Series (co-sponsored by Anthropology Department and Faculty of Law), McGill University, Montreal, Quebec, March 2011.

*Phreaks, Hackers, Trolls and the Politics of Spectacle.* Princeton Center for Information Technology Policy, Princeton University, Princeton, NJ, October 2010.

Old & New Net Wars Over Free Speech, Freedom & Secrecy; or How to Understand the Hacker & Lulz Battle against the Church of Scientology. Radars and Fences Conference, New York University, New York, NY, March 2008; Communications Colloquium, Columbia University, New York, NY, November 2008; Information Society Project, Yale University, New Haven, CT, December 2008; Department of Communications, Drexel University, Philadelphia, PA, February 2009; Institute for Public Knowledge, New York University, New York, NY, March 2009; Science and Technology Studies Department, Cornell University, Ithaca, NY, October 2009; Faculty of Law, Victoria University of Wellington, Wellington, New Zealand, January 2010; Interactive Telecommunications Program, New York University, New York, NY, March 2010; Digital Religion: Transforming Knowledge and Practice Conference, New York University's Center for Religion and Media, New York, NY, March 2010.

The Tension between Corporate Sociality and Individual Liberalism in Debian. Copyright's Counterparts Workshop, Queens University, Kingston, Quebec, August 2008.

Silent Revolutions: The Ironic Rise of Free and Open Source Software and the Making of a Hacker Legal Consciousness. Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil and Grupo de Pesquisa em Políticas Públicas para o Acesso à Informação, University of São Paulo, Brazil, June 2008.

On the Centers and Margins of Liberalism: How Hackers Challenge Trends in Intellectual Property Law Through the Rearticulation of Free Speech Principles. Engaged Anthropology Lecture Series, Rutgers University, New Brunswick, NJ, March 2006; Program in Science and Technology Studies, University of Alberta, Edmonton, Alberta, March 2007.

*Psychiatric Survivors and the Performance of Rationality*. BioArt and Public Sphere Conference, University of California Irvine, Irvine, CA, October 2005.

The Social Construction of Freedom in Free and Open Source Software: Hackers, Ethics,

and the Liberal Tradition. Franz Boas Seminar Series, Anthropology Department, Columbia University, New York, NY, November 2005.

NGO Adoption of Free and Open Source Software. Lecture at What the Hack, Boxtel, Netherlands, July 2005.

The Political Ecology of Media Activism and Computer Hacking. Institute for Social Ecology as part of summer intensive course, "Theoretical Inquiries in the Age of Globalization", Institute for Social Ecology, Plainfield, Vermont, August 2004.

Ethical Volunteerism and Debian. DebConf4, Annual Debian Conference, Porto Alegre, Brazil, May 2004.

## **Invited Panels and Workshops**

*The Camera is Everywhere*. Panel discussion at Personal Democracy Forum, New York, NY, June 2013.

*Information Activism, The* 5<sup>th</sup> *Estate: Hacking, Leaking and Investigative Journalism in the Age of Secrecy.* Panel talk at Left Forum, New York, NY, June 2013.

Are Geeks the New Guardians of our Civil Liberties? Panel discussion at Free Press, National Conference for Media Reform, Denver, Colorado, April 2013.

Anonymous and the Online Fight for Justice. Panel talk at DEF CON 20, Las Vegas, NV, July 2012.

Everything You Know about Anonymous is Wrong. Panel talk at ROFLCon, MIT, Cambridge, MA, May 2012.

We are all Anonymous: The Culture and Politics of Anonymity online. Panel discussion for Triple Canopy, New York, NY, May 2012.

Anonymous Codes: Disruption, Virality and the Lulz. Panel talk at Transmediale, Berlin, Germany, January 2012.

Anonymous and the Politics of Digital Disarray and Direct Action. Panel talk at Theory and Practice of Social Movement, Center for the Study of Ethnicity and Race, Columbia University, New York, NY, October 2011.

*The Aftermaths of Wikileaks*. Panel talk at Personal Democracy Forum, New York, NY, June 2011.

*Is the Democratizing Potential of Technology Also Fostering Diversity?* Panel discussion at National Center for Women in Technology Panel, New York, NY, May 2011.

*Democracy and Technology*. Panel discussion at Project Pericles Debating for Democracy National Conference. New York, NY, March 2011.

Two Ethical Moments in Debian. Discussion at Colloquium for Innovation Policy, New York University Law School, New York, NY, March 2011.

Anonymous: From Trolling to Digital Activism and Civil Disobedience. Panel talk at

Personal Democracy Forum on Wikileaks, New York University, New York, NY, January 2011.

Cameras Everywhere: Opportunities and Challenges in Human Rights Video. Panel talk with Witness at Open Video Conference, New York, NY, October 2010.

The Ethics of Peer Production (vs. The Ethics of Crowdsourced Labor). Panel talk at 2010 Future of News and Civic Media Conference, MIT, Cambridge, MA, June 2010.

*Trolling!* Lightning Talk at The New Everyday Unconference. Visual Culture Working Group, New York University, New York, NY, October, 2009.

#fsck Purity: Lessons about the Politics and Pleasures of Free Software. Panel talk at The Internet as Factory and Playground Conference, New School, New York, NY, November 2009.

*Upgrade! NY: Free as in What*? Panel debate on freedom and openness among F/OSS developers, Upgrade NY Open Source Series, Eyebeam, New York, NY, October 2009.

Anthropological Musings on the Politics of F/OSS. Pre-circulated essay for Free Culture Research Workshop, Berkman Center for Internet and Society, Harvard Law School, Cambridge, MA, October 2009.

Silent Revolutions: The Ironic Rise of Free and Open Source Software and the Making of a Hacker Legal Consciousness. Workshop presentation at Yale, Harvard, and MIT Cyberscholars Meeting, Yale Law School, New Haven, CT, March 2009.

Scaling in Networks. Institute of Network Culture "Wintercamp", On-site Coordinator and Plenary Panel, Institute of Network Cultures, Amsterdam, Netherlands, March 2009.

*Social Networks and the Public Sphere*. Round table presentation and discussion at Social Media and the Commodification of Community Workshop, University of Haifa, Faculty of Law, Haifa, Israel, May 2008.

The View from Computer Hacking: (New) Media Technologies and the (Older) Ethics of Liberalism. Paper presentation at New Trends of Socio-information in East Asia Conference, University of Tokyo, Tokyo, Japan, November 2007.

The Ideology of Medical Progress as a Problem of Political Success. Paper presentation at pre-conference workshop for Eugenics and Sterilization in Alberta: 35 Years Later, University of Alberta, Edmonton, Alberta, April 2007.

At the Center and Margins of the Liberal Tradition: How Hacker Political Protest Led to the Stabilization of Free Speech Principles. Workshop presentation at Law and Science Workshop Series hosted by Program in Law, Jurisprudence, and Social Thought, Amherst College, Amherst, MA, February 2007.

*The Poetics of Hacking: Humor and Liberal Selfhood.* Lecture at Debconf6, Annual Debian Conference, Oaxtepec, Mexico, May 2006.

Codes of Value: Hacker Pragmatics, Poetics, and Selfhood. Presentation on pre-circulated paper at Con/texts of Invention: A Working Conference of the Society for Critical Exchange, Case Western University, Cleveland, OH, April 2006.

Silent Revolutions: How F/OSS Came to Challenge Neoliberal Trends in Intellectual Property Law. Presentation on pre-circulated paper at Globalizing Informatics, University of Indiana, Bloomington, IN, March 2006.

Three Ethical Moments in Debian: Enculturation, Legal Pedagogy, and Crisis.

Presentation on pre-circulated paper at Information Society Project Speaker Series, Yale Law School, New Haven, CT, November 2005.

*Ethics and Politics of Information Technology*. Participant in anthropology workshop on new information technologies, Rice University, Houston, TX, May 2004.

Every Rope Ghat Two Ends: The Caribbean Meeting Grounds of Internet Relay Chat. Paper presentation at Digital Genres Initiative, University of Chicago, Chicago, IL, May 2003.

#### **Conference Presentations** (refereed unless otherwise noted)

*The Aphorisms of Anonymous*. Talk at American Anthropological Association Meetings, San Francisco, CA, November 2011.

The Ethnographers Cunning: The Return of Arm Chair and Keyboard Anthropology (while 'hard chatting' on IRC). Talk at American Anthropological Association Meetings, Montreal, Quebec, November 2011.

STS 2.0: Taking the Canon Digital. Round table Discussion at Social Studies of Science Conference (4S), Cleveland, OH, November 2011. \*not refereed.

*The Troll as Liberal Trickster*. Talk at American Anthropological Association Meetings, New Orleans, LA, November 2010.

*In Lulz We Trust*. Talk at European Association of Social Anthropology Conference, Maynooth University, Maynooth, Ireland, August 2010.

Battle Star Galactica: Hacker Battles on the Internet and the Limits of Liberal Tolerance. Talk at American Anthropological Association Meetings, San Francisco, CA, November 2008.

From Psychiatric Survivors to the Icarus Project and the Importance of a Radical Politics of (Shifting) Continuity. Paper presentation at Cultural Studies Association Meetings, New York, NY, May 2008.

The Hacker Conference Examined: How the Modern Day Conference Acts as the Ritual Underside of Virtual Publics. Talk at American Anthropological Association Meetings, Washington, DC, November 2007.

Battle Star Galactica: Hacker Battles on the Internet and the Limits of Liberal Tolerance. Paper presentation at Association of American Law Schools, Washington, DC, January 2007.

*Psychiatric Survivors and the Survival of a Radical Politics of Freedom*. Talk at Social Studies of Science Conference (4S), Vancouver, British Columbia, November 2006.

*Crisis, Ethics, and Trust in Virtuality.* Talk at American Anthropological Association meetings, Washington, DC, November 2005.

Realizing Freedom: The Culture of Liberalism and Hacker Ethical Practice. Talk at Social Studies of Science Conference (4S), Paris, France, August 2004.

An Army of Amateur Legal Scholars: How Free and Open Source Software Developers Have Come to Habituate an Ethos for Expressive Rights. Talk at Social Studies of Science Conference (4S), Paris, France, August 2004.

The Re-localization of Intellectual Property Rights and the Rise of Expressive Rights among Free and Open Source Software Hackers. Talk at Law and Society Conference, Chicago, IL, April 2004.

The Political Agnosticism of Free Software and the Politics of Contrast. Talk at American Anthropological Association Meetings, Chicago, IL, November 2003.

The (copylefted) Source Code for the Ethical Production of Information Freedom. Talk at Social Studies of Science Conference (4S), Milwaukee, WI, November 2001.

*High-Tech Guilds in the Era of Global Capital*. Talk at American Anthropological Association Metings as part of invited session: Work as Mission: Silicon Valley and Beyond, San Francisco, CA, November 2000.

*The Reconceptualization of Class, Ethnicity, and Race through Kali Mai Healing Practices.* Talk at Central States American Anthropological Society Meetings, Chicago, IL, April 1998.

# **Teaching Experience** (graduate seminars noted with an asterisk)

McGill University

Hacker Culture and Politics. Seminar, fall 2012.\*

Scientific and Technological Controversies. Lecture, fall 2012.

New York University

Introduction to Human Culture and Communication. Seminar, fall 2011, fall 2007-2009 (Course Faculty Director).

Media Theory, Masters Core Class. Seminar, fall 2011.\*

Hacker Culture and Politics. Seminar, spring 2010 and fall 2008.

Technology, the Body, and Society. Seminar, spring 2009.

Politics of Digital Media: Piracy and the Commons. Seminar, spring 2009.\*

Proposal Writing. Seminar, fall 2009.\*

Topics in Digital Media. Seminar, spring 2008.\*

Impacts of Technology. Seminar, fall 2007.

*University of Chicago* 

Hacker Culture and Politics. Seminar, summer 2002 and winter 2005.

Introduction to Medical Anthropology. Seminar, summer 2002.

## Student and Postdoctoral Fellowship Advising

McGill University

## **Supervisor**

Alessandro Delfanti, Postdoctoral Fellow (Incoming, Media@McGill, 2013-2014).

Stéphane Couture, Postdoctoral Fellow (Incoming, FQRSC, 2013-2015).

Molly Sauter, Ph.D. (Incoming, winner of Tomlinson Arts Graduate Fellowship).

Matthew Goerzen, M.A. (Incoming).

## Visiting Ph.D. Students

Kai Denker, Technische Universität Darmstadt, Darmstadt, Germany (winter and summer 2012).

Thiago Falcao, Federal University of Bahia, Salvador, Brazil (spring and summer 2012).

New York University

# **Committee Member (Current)**

Patrick Davison, Department of Media, Culture, and Communication. "Networked Memes", Ph.D. Proposal.

#### **Committee Chair (Past)**

Renee S. Heininger, Department of Media, Culture, and Communication. "Digital Defense: Integrating New Media in the Fight Against Street Harassment", B.A. Thesis, 2009.

Charlottte Horton, Department of Media, Culture, and Communication. "The Politics of Graffitti", B.A. Thesis, 2009.

Mike Goren, Department of Media, Culture, and Communication. "Assessing Tradeoffs in the New Networked Economy", M.A. Thesis, 2008.

Zachary Sehy, Department of Media, Culture, and Communication. "Internet Access and

Regulation", M.A. Thesis, 2008.

Guy Dickinson, Department of Media, Culture, and Communication. "Hacker Representations in the Media", B.A. Thesis, 2008.

Hannah Martin, Department of Media, Culture, and Communication. "A Doctor-Patient Narrative", B.A. Thesis, 2008.

## **Committee Member (Past)**

Alice Marwick, Department of Media, Culture, and Communication. "Becoming Elite: Social Status in Web 2.0 Cultures", Ph.D. Thesis, 2010.

Joseph Reagle, Department of Media, Culture, and Communication. "In Good Faith: The Collaborative Culture of Wikipedia", Ph.D. Thesis, 2008.

Benjamin "Mako" Hill, MIT Media Lab. "Parallel Document Management", M.A. Thesis, 2007.

## **Academic and Professional Service**

McGill University

## **University Service**

Academic Program Director of the Bachelor of Arts and Science Joint Undergraduate Program, March 2012-present.

#### **Department Service**

Graduate Admissions Committee Member, Art History and Communication Studies, September 2013-present.

Co-Coordinator, Art History and Communication Studies Speaker Series, April 2012-present.

#### **Other University and Department Service**

Co-organizer, Research Forum Meetings (with Matthew Hunter). Lunch forum for graduate students, postdoctoral fellows, visitors, and sessionals for the informal exchange of ideas, ongoing research, and methodological issues, Fall 2012-current.

Undergraduate Entrance Scholarship Review Process. Review undergraduate applications for scholarship awards, March 2013.

External Examiner for Tyler Braun, Department of Art History and Communication Studies. "Priming the Senses: The Yes men and the Affective Character of Disruption", M.A. Thesis, February 2013.

External Examiner for Gretchen King, Department of Art History and Communication Studies. "The radical pedagogy of community radio and the case of Radio al-Balad: community radio news audiences and political change in Jordan", Ph.D. Proposal Defense,

February 2013.

External Examiner for Hannah Renee Mcelgunn, Department of Art History and Communication Studies. "The Discursive (Re}production and Transformation of Social Life at the General Assembly", Department of Art History and Communication Studies. M.A. Thesis Defense, April 2012.

Pro-Dean for Armen Khatchadouria, Department of Pharmacology and Therapeutics, Faculty of Medicine. Ph.D. Thesis Exam, January 2013.

Presentation on Hackers at Soup and Science, September 2012.

Panel Presentation at Symposium on Free Expression and Peaceful Assembly, May 2012.

Wolfe Chair Fellowship

Responsible for coordinating the call f

Responsible for coordinating the call for fellowships, reading applications, and determining winners, April 2012-current.

New York University

## **Department Service**

Member, Study Committee, Department of Media, Culture, and Communication, September 2009-May 2010.

Member, Undergraduate Committee, Department of Media, Culture, and Communication, September 2009-May 2010.

Member, Job Search Committee, Department of Media, Culture, and Communication, September 2009-March 2009.

Chair, Technical Committee, Department of Media, Culture, and Communication, September 2007-2009.

Member, Technical Committee, Steinhardt School of Culture, Education, and Human Development, December 2007-present.

## **Professional Service**

## **Grant Reviews:**

National Science Foundation [US] (2012) Social Sciences and Humanities Research Council, Insight [CA] (2012) Independent Social Research Foundation Early Career Fellowship [UK] (2013)

## Journal Reviews:

(2006-2012)

American Anthropologist (2); Journal of Cultural Economy (1); Ethnos (1); American Journal of Sociology (1); Science Studies (1); Human Organization (1); Americas Conference on Information Systems (AMCIS) (1); Anthropological Quarterly (2); Social Text (7); Cultural Anthropology (2); New Media and Society (4); Qualitative Sociology (1);

Games and Culture (2); Radical History Review (1); International Journal of Communication (1); Grey Room (4); Fiberculture (1).

## **Book Manuscript Reviews:**

(2010-2012)

MIT Press Book Manuscript (1); MIT Press Book Proposal (2); Pluto Press Book Manuscript (1); University of California Press Book Manuscript (1).

#### Other Service:

Tenure Evaluation Letter, Berkeley University, October 2012.

Editorial Board, Grey Room, August 2012-present.

Collective Member, Social Text, August 2010-present.

Co-organizer, *The Craft in Craftiness*, Panel at American Anthropological Association Annual Meetings (with Graham Jones, MIT Anthropology), Montreal, Quebec, November 2011.

Advisory Board, The Guardian Project (human rights organization that provides privacy applications for cell phones), April 2012-present.

Social Science Advisory Board, National Center for Women in Information Technology, May 2011-present.

Advisory Board, The Politics of Digital Culture book series, Institute for Distributed Creativity (Series Editor: Trebor Scholz), January 2011-present.

Advisory Board, Expertise book series, Cornell University Press (Series Editor: Dominic Boyer), November 2010-2012.

Discussant for *The Dark Side Of Legitimate Peripheral Participation*, Panel at American Anthropological Association Annual Meetings, New Orleans, LA, November 2010.

Co-organizer and Chair, *Exploring Digital Liberalism*, Panel at American Anthropological Association Annual Meetings (with Dominic Boyer, Rice University, Department of Anthropology), New Orleans, LA, November 2010.

Organizing Team Member, DebConf10, Annual Debian Conference, Columbia University, New York, NY, July-August 2010.

Program Committee, Free Culture Research Conference, May 2010.

Web Committee Member, Social Text Journal, June 2009-present.

Program Committee Member, The Politics of Open Source Conference hosted by Journal of Information Technology & Politics, University of Massachusetts, Amherst, MA, April 2010.

Co-organizer, Contested Illnesses: Ambivalence and Advocacy in the Age of Technology, Panel at Social Studies of Science Conference (4S) Annual Meetings (with Chloe Silverman, Penn State, Science, Technology, and Society Program, and Alex Choby, UCSF/Berkeley,

Anthropology), Vancouver, British Columbia, October 2006.

Team Member, What Sorts of People Should There Be Network. (Organizer: Rob Wilson, Department of Philosophy, University of Alberta), September 2006-2008.

Organizer, *Science, Technology, Society, and the State*. Graduate student-run workshop, University of Chicago, October 2004-June 2005.

Co-organizer, *Culture's Open Sources*, Panel at American Anthropological Association Meetings (with Chris Kelty, Rice University, Department of Anthropology), Chicago, IL, November 2003.

Board Member, Online Policy Group, a nonprofit organization dedicated to online policy research, outreach, and action on issues such as access, privacy, and digital defamation. December 2001-June 2003.

Volunteer Coordinator Intern, Electronic Frontier Foundation, a non-profit organization that protects civil liberties related to the Internet and technology. August 2001-December 2002.

## **Professional Memberships**

American Anthropological Association Social Studies of Science

# **Media and Public Appearances**

**Featured** (web and print publications)

Q&A: Hacker Culture, Coding, and Free Speech – *Communications of the ACM*, 15 April 2013.

http://cacm.acm.org/news/163461-qa-hacker-culture-coding-and-free-speech/fulltext

Dissecting the Frog – *The New Inquiry*, 8 April 2013. http://thenewinquiry.com/essays/dissecting-the-frog/

Hacking the World - An anthropologist in the midst of a geek insurgency — *The Chronicle of Higher Education*, 1 April 2013. http://chronicle.com/article/Hacking-the-World/138163/

E. Gabriella Coleman - Coding Freedom: The Ethics and Aesthetics of Hacking - *Neural*, 19 March 2013.

http://www.neural.it/art/2013/03/e gabriella coleman coding fre.phtml

Gabriella Coleman Knows Anonymous' Deepest, Darkest Secrets – *Huffington Post*, 27 February 2013.

 $\frac{\text{http://www.huffingtonpost.com/2013/02/27/gabriella-coleman-anonymous } n 2663775.h}{\text{tml}}$ 

An anthropologist explains how hackers are changing the definition of freedom -i09, 25 January 2013.

 $\frac{http://io9.com/5978863/an-anthropologist-explains-how-hackers-are-changing-the-definition-of-freedom}{tion-of-freedom}$ 

Want to understand open source? Live with its developers – *Open Source.com*, 9 January 2013.

http://opensource.com/life/13/1/want-understand-open-source-live-its-developers

Author Gabriella Coleman Expands on the Role of Linux in Hacker Culture – *Linux.com*, 17 December 2012.

https://www.linux.com/news/featured-blogs/185-jennifer-cloer/682035-author-gabriella-coleman-expands-on-role-of-linux-in-hacker-culture

Top 5 influential security IT thinkers – *SC Magazine*, 3 December 2012. http://www.scmagazine.com/anthropologist-focused-on-hacker-culture/article/269263/

La Professoressa Che Sussura Agli Hacker – *Corriere Della Sera*, 29 November 2012. <a href="http://www.corriere.it/tecnologia/12">http://www.corriere.it/tecnologia/12</a> novembre 29/la-prof-che-ha-vissuto-tre-anni-con-g li-hacker f3a28bf2-3a40-11e2-8e20-34fd72ebaa93.shtml

Geek Researcher Spends Three Years Living with Hackers (Interview with Robert McMillan) – *Wired*, 28 November 2012. http://www.wired.com/wiredenterprise/2012/11/coleman/

Gabriella Coleman: Helping Hackers Infiltrate Academia – *Fast Company*, 21 June 2012. <a href="http://www.fastcompany.com/1841040/gabriella-coleman-helping-hackers-infiltrate-academia">http://www.fastcompany.com/1841040/gabriella-coleman-helping-hackers-infiltrate-academia</a>

Digital Activism From Anonymous to Occupy Wall Street: a Conversation With Gabriella Coleman – *Death and Taxes Magazine*, 13 March 2012.

 $\frac{http://www.deathandtaxesmag.com/157192/digital-activism-from-anonymous-to-occupy-wall-street-a-conversation-with-gabriella-coleman/}{}$ 

Mr. Washington Goes To Anonymous – *The Atlantic*, 9 December 2011. http://www.theatlantic.com/technology/archive/2011/12/mr-washington-go

http://www.theatlantic.com/technology/archive/2011/12/mr-washington-goes-to-anonymous/249791/

The Academics of Anonymous –  $Washington\ Post$ , 12 December 2011.

http://www.washingtonpost.com/blogs/innovations/post/the-academics-of-anonymous/2011/12/11/gIQA1F8jpOblog.html

Mr. Washington Goes To Anonymous – *The Atlantic*, 9 December 2011.

http://www.theatlantic.com/technology/archive/2011/12/mr-washington-goes-to-anonymous/249791/

## TV and Film

Future Radicals – Television Documentary, Australia, Renegade Films, November 2012.

We are Legion: The Story of the Hacktivists [consultant and featured] – Feature Film, *Luminant Media*, November 2012.

http://wearelegionthedocumentary.com/

CNN Presents: Amber Lyon Profiles 'Anonymous' – *CNN*, 14-15 January 2012. http://cnnpressroom.blogs.cnn.com/2012/01/13/cnn-presents-amber-lyon-profiles-anonymous/

Gabriella Coleman on Open Source Culture and the Newsroom, On Tracking Anonymous, What WikiLeaks Means for the News – *The Future Journalism Project*, June 2012. <a href="http://tumblr.thefip.org/search/gabriella+coleman">http://tumblr.thefip.org/search/gabriella+coleman</a>

Brian Lehrer Live with Gabriella Coleman – *CUNY TV*, November 2011. http://www.frequency.com/video/brian-lehrer-live-with-gabriella-coleman/2944993

The revolution will not be firewalled: Gabriella Coleman on the 'hacktivist' underground – *PBS*, 22 July 2011.

http://www.pbs.org/wnet/need-to-know/tag/gabriella-coleman/

Brian Lehrer Live with Gabriella Coleman – *CUNY TV*, November 2011. http://www.frequency.com/video/brian-lehrer-live-with-gabriella-coleman/2944993 Cyberativismo – *MTV Brazil*, 30 June 2011. http://mtv.uol.com.br/programas/mod/blog?categoria=cyberativismo

Wer Ist Anonymous – *DCTP TV*, Germany, 19 May 2011. http://www.dctp.tv/#/republica-2011/wer-ist-anonymus-gabriella-coleman/

#### **Radio and Podcasts**

Hacktivists: Heroes Or, Well, Hacks? – *Tell Me More, NPR*, 13 June 2013. http://www.npr.org/templates/story/story.php?storyId=191316143

Gabriella Coleman on "Coding Freedom: The Ethics and Aesthetics of Hacking" – *To the Best of Our Knowledge, Wisconsin Public Radio,* 12 May 2013. <a href="http://www.ttbook.org/book/gabriella-coleman-coding-freedom-ethics-and-aesthetics-hacking">http://www.ttbook.org/book/gabriella-coleman-coding-freedom-ethics-and-aesthetics-hacking</a>

Anonymous activist network – *Q*, *CBC Radio*, 22 April 2013. http://www.cbc.ca/player/Radio/Q/ID/2381091978/

Pranks and Tricksters – *Future Tense*, *ABC*, 3 February 2013. <a href="http://www.abc.net.au/radionational/programs/futuretense/pranks-and-tricksters/4489512">http://www.abc.net.au/radionational/programs/futuretense/pranks-and-tricksters/44895122</a>

Ethical Hacking: Should good intentions get special protection from prosecution? – *The Current, CBC*, 17 January 2013.

http://www.cbc.ca/player/News/Canada/Audio/ID/2326497183/?page=12&sort=MostPopular

Gabriella Coleman on Anonymous – *Office Hours, The Society Pages*, 14 January 2013. http://thesocietypages.org/officehours/2013/01/14/gabriella-coleman-on-anonymous/

Gabriella Coleman on the ethics of free software – *Surprisingly Free*, 8 January 2013. <a href="http://surprisinglyfree.com/2013/01/08/gabriella-coleman-2/">http://surprisinglyfree.com/2013/01/08/gabriella-coleman-2/</a>

Living with Hackers – *Word of Mouth, New Hampshire Public Radio*, 6 December 2012. <a href="http://www.nhpr.org/post/living-hackers">http://www.nhpr.org/post/living-hackers</a>

The Hackers – *The Documentary*, *BBC*, 1 January 2013. http://www.bbc.co.uk/programmes/p012gp95

A Modest Proposal: Recruit The Hackers – *The Story, American Public Media*, 26 July 2012.

http://www.thestory.org/stories/2012-07/modest-proposal-recruit-hackers

Word Watch: Hacker – *On The Media*, 13 April 2012. http://www.onthemedia.org/2012/apr/13/word-watch-hacker

Gabriella Coleman on Anonymous and LulzSec – *Surprisingly Free*, 13 March 2012. <a href="http://surprisinglyfree.com/2012/03/13/gabriella-coleman/">http://surprisinglyfree.com/2012/03/13/gabriella-coleman/</a>

Gabriella Coleman on Anonymous – *Spark*, *CBC*, 13 March 2012. http://www.cbc.ca/spark/2012/03/full-interview-gabriella-coleman-on-anonymous/

Feature Guest: Gabriella Coleman – *Nine To Noon, Radio New Zealand*, 20 February 2012. http://www.radionz.co.nz/national/programmes/ninetonoon/audio/2510447/feature-guest-gabriella-coleman

2/8/12: Anonymous – *Radio West, KUER*, 7 February 2012. http://www.kuer.org/post/2812-anonymous

The Many Moods of Anonymous – *On The Media*, 4 March 2011. http://www.onthemedia.org/2011/mar/04/the-many-moods-of-anonymous/transcript/

All You Have to do is Ask (TMI Wikileaks Special) – *Too Much Information*, *WMFU*, 22 January 2011.

http://tmi.wfmu.org/all-you-have-to-do-is-ask-tmi-wikileaks-special/

TCLP 2011-01-12 Interview: Gabriella Coleman – *The Command Line*, 12 January 2011. http://thecommandline.net/2011/01/12/gabriella\_coleman/

Rise of the Hacktivist – *Day 6, CBC Radio*, 10 December 2010. http://www.cbc.ca/day6/blog/arts/2010/12/10/episode-14/

A Look Inside The World Of Hackers – *Here and Now, NPR Boston*, 30 November 2010. http://hereandnow.wbur.org/2010/11/30/hackers

Trolling 101 – *Search Engine*, *TVO*, 27 July 2010. http://searchengine.tvo.org/blog/search-engine/audio-podcast-51-trolling-101

Full Interview - Gabriella Coleman on Digital Book Piracy – *Spark, CBC*, 26 November 2009.

http://www.cbc.ca/spark/full-interviews/2009/11/26/full-interview-gabriella-coleman-on-digital-book-piracy/

The Quest for a Free Culture – *Radio Berkman*, Harvard University, 29 October 2009. <a href="http://blogs.law.harvard.edu/mediaberkman/2009/10/29/radio-berkman-135/">http://blogs.law.harvard.edu/mediaberkman/2009/10/29/radio-berkman-135/</a>

Mad Movement Strategies: Gabriella Coleman – *Madness Radio*, 2 February 2009. <a href="http://www.madnessradio.net/madness-radio-mad-movement-strategies-gabriella-colema">http://www.madnessradio.net/madness-radio-mad-movement-strategies-gabriella-colema</a> n

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The Geeks Who Leak – *Time Magazine*, 24 June 2013. http://www.time.com/time/magazine/article/0,9171,2145506-1,00.html

"When Americans understand, they become outraged" – *Salon*, 11 June 2013. http://www.salon.com/2013/06/11/when\_americans\_understand\_they\_become\_outraged

Aspiring Hackers Find It's Easy to Be Anonymous – *Wall Street Journal, Risk and Compliance*, 5 June 2013.

http://blogs.wsj.com/riskandcompliance/2013/06/05/aspiring-hackers-find-its-easy-to-be-anonymous/

Attention Rapists: You've Met Your Match – *Glamour Magazine*, 1 June 2013. http://www.glamour.com/inspired/2013/06/attention-rapists-youve-met-your-match

Exclusive: Meet the Woman Who Kicked Off Anonymous' Anti-Rape Operations – *Mother Jones*, 13 May 2103.

http://www.motherjones.com/politics/2013/05/anonymous-rape-steubenville-rehtaeh-parsons-oprollredroll-opjustice4rehtaeh?page=1

How Anonymous have become digital culture's protest heroes – *The Guardian*, 15 April 2013.

http://www.guardian.co.uk/commentisfree/2013/apr/15/anonymous-digital-culture-protest

Rehtaeh Parsons, Amanda Todd, Steubenville: Anonymous is here to stay – *The Star*, 12 April 2013.

http://www.thestar.com/news/world/2013/04/12/rehtaeh\_parsons\_amanda\_todd\_steub enville\_anonymous\_is\_here\_to\_stav.html

Will Anonymous' involvement in Rehtaeh Parsons case do more harm than good? – *Global News*, 12 April 2013.

 $\underline{http://globalnews.ca/news/476129/will-anonymous-involvement-in-rehtaeh-parsons-casedo-more-harm-than-good/}$ 

Montreal artists get a financial kick out of crowd funding – *CBC*, 22 February 2013. http://www.cbc.ca/news/arts/story/2013/02/22/crowdfunding-artists-buzkashi-boys-oscars-kickstarter-montreal.html

Women In Tech: 5 Analysts To Watch – *Huffington Post*, 12 February 2013. http://www.huffingtonpost.com/2013/02/12/women-analysts\_n\_2546172.html

When the government approves of hacking – *Salon*, 25 January 2013. http://www.salon.com/2013/01/25when the government approves of hacking/

Hacktivist anger over US government's 'ludicrous' cyber crackdown – The Guardian, 24

January 2013.

http://www.guardian.co.uk/technology/2013/jan/24/hacking-us-government-cyber-crack down

Digital evangelists versus the predigital thinkers – *The Toronto Star*, 19 January 2013. <a href="http://www.thestar.com/news/world/article/1317500--digital-evangelists-versus-the-predigital-thinkers">http://www.thestar.com/news/world/article/1317500--digital-evangelists-versus-the-predigital-thinkers</a>

Beyond Aaron Swartz: We Don't Need Martyrs ... But Changes – *Wired*, 16 January 2013. <a href="http://www.wired.com/opinion/2013/01/beyond-aaron-swartz-we-dont-need-martyrs-but-changes/">http://www.wired.com/opinion/2013/01/beyond-aaron-swartz-we-dont-need-martyrs-but-changes/</a>

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http://www.guardian.co.uk/commentisfree/2013/jan/09/japanese-cat-clues-internet-prankster-hackers

Anonymous a threat to critical infrastructure? Expert says no – *Vancouver Sun, Canada.com, Calgary Herald Report*, 21 December 2012.