

# Susan E. McGregor

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## EXPERIENCE

### **Assistant Director, Tow Center for Digital Journalism**

Columbia University Graduate School of Journalism

*July 2013 – present*

### **Assistant Professor**

Columbia University Graduate School of Journalism

*July 2011 – present*

### **Senior Programmer, Online News Graphics**

The Wall Street Journal

*April 2007 – May 2011*

## EDUCATION

### **M.A. in Educational Technology**

Steinhardt School of Culture, Education & Communication, NYU

*January 2011*

### **A.B. with honors in Interactive Information Design**

Harvard University

*June 2005*

## AWARDS & HONORS

Gerald Loeb Award in Online Enterprise Reporting, 2010

Finalist, Scripps Howard Award in Web Reporting, 2007

## RESEARCH & PROJECTS

### **Dispatch: Secure, Authenticated, Anonymous Mobile Communication and Publishing**

*May 2012 – present*

While journalists have a professional and ethical mandate to protect their sources, common digital communication tools provide insufficient security, while existing secure systems are too onerous to use in the context of the journalistic process. Dispatch offers an intuitive mobile interface while integrating strong encryption, pseudonymity, facilitated key exchange and Tumblr publishing integration to meet the needs of both citizen and professional journalists.

### **Data Docs: Interactive, Data-Driven Video for the Web**

*August 2012 – present*

Despite the robust interactive capacities of the web, the interaction supported by web video is still largely limited to playback controls, and video-based content is often dated even before it's published. Data Docs is an open-source platform for creating web videos that seamlessly incorporate live data feeds, interactive graphics and web links to create a truly integrated, web-native video experience.

## PUBLICATIONS

Susan E. McGregor and Alon Halevy, "Opportunities and Challenges in Data Journalism." In *Computation for Humanity: Information Technology to Advance Society*, ed. Justyna Zander and Pieter J. Mosterman (CRC Press, 2013).

Kanak Biscuitwala, Willem Bult, Mathias Lécuyer, T. J. Purtell, Madeline K. B. Ross, Augustin Chaintreau, Chris Haseman, Monica S. Lam, and Susan E. McGregor. "Secure, Resilient Mobile Reporting In *Proceedings of the ACM SIGCOMM 2013 Conference, SIGCOMM'13*. Hong Kong, China, August 2013. ACM 2013, 978-1-4503-2056-6.

Susan E. McGregor, "Manning verdict not a win for journalism," *Columbia Journalism Review*, August 1, 2013.  
[http://www.cjr.org/behind\\_the\\_news/manning\\_verdict\\_doesnt\\_make\\_jo.php](http://www.cjr.org/behind_the_news/manning_verdict_doesnt_make_jo.php)

Susan E. McGregor, "Lessons for journos in the NSA revelations," *Columbia Journalism Review*, June 7, 2013.  
[http://www.cjr.org/cloud\\_control/data\\_collection\\_implications\\_f.php](http://www.cjr.org/cloud_control/data_collection_implications_f.php)

Susan E. McGregor, "AP phone records seizure reveals telcom's risks for journalists," *Columbia Journalism Review*, May 15, 2013.  
[http://www.cjr.org/cloud\\_control/ap\\_phone\\_records\\_seizure\\_revea.php](http://www.cjr.org/cloud_control/ap_phone_records_seizure_revea.php)

Kanak Biscuitwala, Willem Bult, Mathias Lécuyer, T. J. Purtell, Madeline K. B. Ross, Augustin Chaintreau, Chris Haseman, Monica S. Lam, and Susan E. McGregor. "Weaving a Safe Web of News." In *Proceedings of the First Workshop on Social News on the Web @ WWW '13*. Rio de Janeiro, Brazil. May 2013.

Susan E. McGregor, "CAR hits the mainstream," *Columbia Journalism Review*, March 18, 2013.  
[http://www.cjr.org/data\\_points/computer\\_assisted\\_reporting.php](http://www.cjr.org/data_points/computer_assisted_reporting.php)

Susan E. McGregor, "Gun permit data wasn't maximized," *Columbia Journalism Review*, January 16, 2013.  
[http://www.cjr.org/behind\\_the\\_news/susan\\_mcgregor\\_on\\_gun\\_permit\\_d.php](http://www.cjr.org/behind_the_news/susan_mcgregor_on_gun_permit_d.php)

Alon Halevy and Susan E. McGregor. "Data Management for journalism." *Bulletin of the IEEE Computer Society Technical Committee on Data Engineering*, September 2012.

"Best on the Street," *The Wall Street Journal Online*, 2011.  
<http://wsj.com/documents/graphics/documents/BestOnTheStreet2011/Best-on-the-Street-2011.html>

"What They Know," *The Wall Street Journal*, 2010 (ongoing).  
<http://blogs.wsj.com/wtk/>

“Now Reporting: Earnings.” *The Wall Street Journal Online*, 2010 (ongoing). <http://graphicsweb.wsj.com/documents/earnings/CorporateEarningsWSJ.html>

“Economic Forecasting Survey.” *The Wall Street Journal Online*, 2007 (ongoing). <http://online.wsj.com/public/resources/documents/info-flash08.html?project=EFORECAST07>

## TALKS

“The Cycle of Surveillance: An Historical Lens on Privacy, Technology and Law” (with *Kathleen Duff*). PRISM Break Up, Eyebeam NYC, October 2013.

“The role of reproducibility in journalism.” Invited speaker at the Workshop on Reproducibility in Science, NYU/Polytechnic, May 2013.

“Essentials of Game Design.” Invited masterclass at the GEN Editors’ Lab at the New York Times, April 2013.

“Privacy vs. the Right to Know” (with *Eve Burton, Jeff Jarvis, and Bill Keller*) Invited panelist at The Society of Professional Journalists’ Deadline Club, April 2013.

“Integrate and Analyze.” Invited speaker at the Research Data Symposium, Columbia University, February 2013.

“This Message Will Self-Destruct: The Implications of Self-Destructing Digital Data” (with *Kathleen Duff*). Strata Conference + Hadoop World, October 2012.

“Steal This Digital Security Toolbox.” Invited speaker at the Online News Association Conference & Awards, September 2012.

## FUNDING

co-PI on Dispatch, recipient of a dual-campus “Magic Grant” award from the Brown institute for Media Innovation, 2012-2013

co-PI on DataDocs, recipient of a Knight Foundation Prototype Grant, June 2013-2014.