

**Christian Sandvig**  
Short *Curriculum Vita*  
15 August 2024

**Director, Center for Ethics, Society, and Computing (ESC)** and  
H. Marshall McLuhan Collegiate Professor, School of Information

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## EDUCATION

Ph.D., **Communication**, Stanford University, January 2002.  
M.A., **Communication**, Stanford University, December 1999.  
B.A. *summa cum laude*, **Communication**, University of California, Davis, March 1997.

## ACADEMIC EMPLOYMENT

2012- **Collegiate Professor** (2018-), Professor (2016-), Associate Prof. (2012-16)  
of Information. Also appointed: Institute for Data & AI in Society;  
Science, Technology, and Public Policy; Digital Studies; Political Studies;  
Science, Technology, and Society; Communication & Media;  
Art & Design; **University of Michigan, Ann Arbor.**

2008-2012 **Associate Professor**, Communication; Coordinated Science; Informatics;  
Science and Technology Studies; Library and Information Science;  
Media/Cinema Studies; **University of Illinois at Urbana-Champaign.**

2002-2008 **Assistant Professor**, Communication, **University of Illinois at  
Urbana-Champaign.**

2001-2002 Markle Foundation Information Policy Fellow,  
Centre for Socio-Legal Studies, **Oxford University.**

## VISITING/EXTERNAL APPOINTMENTS (selected)

2023-24 Visiting Professor, **Institute for Advanced Study**, Princeton, NJ.  
2010 Consulting Researcher, **Microsoft Research**, Cambridge, MA  
2009-15 Faculty Associate, Berkman Center for Internet & Society, **Harvard University**  
2009-10 Visiting Scholar, Sloan School of Management, **MIT**  
2009 Visiting Scholar, Communication, **McGill University**  
2008 Visiting Associate Professor, **Intel Research**, Portland, OR

## INVITED LECTURES (selected)

Yale Law School, Harvard Business School, MIT Media Lab, MIT Sloan School,  
Columbia University, Princeton University, Wharton School of Business,  
Princeton University, University of Toronto, Cambridge University, University of Wales,  
University of Sydney, Central European University, Peking University,  
Society for the Social Studies of Science (plenary), Assoc. for Internet Research (plenary).  
Int'l Conference on Computational Social Science (plenary), SXSW Interactive

## PRESS MENTIONS/INTERVIEWS/QUOTES (selected)

The New York Times, The Washington Post, The Economist, National Public Radio,  
The New Yorker, Slate, The Atlantic, The Nation, CBS News, BusinessWeek, Wired,  
BBC Radio, CBC Radio, RTE Radio (Ireland), Radio National (Australia), Le Monde

## CITATIONS BY/TESTIMONY TO/CONSULTING TO GOVERNMENT (selected)

European Commission; House of Commons, Parliament of Canada; Ministry of Information, Communication, and the Arts, Singapore; National Telecommunications Commission, Thailand; Telecommunications Regulatory Authority of India; OfCom, UK; Federal Communications Commission, USA; City and County of San Francisco, USA

## RECENT RESEARCH GRANTS (last 10 years only)

- 2023-2024 Principal Investigator. "Algorithm Auditing." Notre Dame-IBM Tech Ethics Lab. (\$50,000.)
- 2016-2019 Principal Investigator. "CHS: Medium: Collaborative Research: Beyond the Black Box: Understanding and Designing for User Expectations of Algorithmic Media." **US National Science Foundation**, (#IIS-1564079 & #IIS-1564041, total \$1,199,225).
- 2012-2014 Principal Investigator. "What Your Infrastructure Wants: Developing the Missing Human-Infrastructure Interface." **Interdisciplinary Innovation Initiative**, University of Illinois at Urbana-Champaign. (\$198,902).
- 2012-2014 Co-Principal Investigator. "A Theory of Cognitive and Algorithmic Decision Making." College of Engineering **Strategic Research Initiative**, University of Illinois at Urbana-Champaign (\$200,000).

## PUBLICATIONS IN PROGRESS

Sandvig, C. (under advance contract). *Corrupt Personalization: Algorithmic Culture in Media and Computing*. New Haven: Yale University Press.

## EDITED BOOK

Hargittai, E. & Sandvig, C. (eds.) (in press). *Digital Research Confidential: The Secrets of Studying Behavior Online*. Cambridge, MIT Press.

## PEER-REVIEWED PUBLICATIONS (last 5)

International Panel on the Information Environment (IPIE). (2024). **Global Approaches to Auditing Artificial Intelligence**. Scientific Panel on Global Standards for AI Audits. SR2024.1. Zürich, Switzerland: IPIE. (Drafting author.)

Metaxa, D., Park, J. S., Robertson, R. E., Karahalios, K., Wilson, C., Hancock, J. & Sandvig, C. (2021). **Auditing Algorithms: Understanding Algorithmic Systems from the Outside In**. *Foundations and Trends in Human-Computer Interaction* 14(4): 272-344.

Vaccaro, K., Sandvig, C., & Karahalios, K. (2020). "At the End of the Day Facebook Does What It Wants:" **How Users Experience Contesting Algorithmic Content Moderation**. *Proceedings of the ACM on Human-Computer Interaction* 4(CSCW2): 167: 1-22.

Asplund, J., Eslami, M., Sundaram, H. Sandvig, C. Karahalios, K. (2020). **Auditing Race and Gender Discrimination in Online Housing Markets**. *Proceedings of the 14<sup>th</sup> International AAAI Conference on Web and Social Media (ICWSM)*: 24-35.

Eslami, M., Kumaran, S. R. K., Sandvig, C., Karahalios, K. (2018). **Communicating Algorithmic Process in Online Behavioral Advertising**. *Proceedings of the 36th Annual SIGCHI Conference on Human Factors in Computing Systems, Association for Computing Machinery (ACM)*: 1-13.

**BOOK CHAPTERS** (last 5)

Plantin, J.-C., Lagoze, C., Edwards, P. N., & Sandvig, C. (2017). **Big data are not about size: when data transform scholarship.** In: Clément Mabi, Jean-Christophe Plantin, & Laurence Monnoyer-Smith (eds.), *Open, Share, Reuse: Critical views on digital*. Paris: Éditions de la Maison des sciences de l'homme.

Sandvig, C. (2015). **The Internet as the Anti-Television: Distribution Infrastructure as Culture and Power.** In: L. Parks and N. Starosielski (eds.), *Signal Traffic: Critical Studies of Media Infrastructures*, pp. 225-245. Chicago: University of Illinois Press. (Best Edited Collection Award, Society for Cinema and Media Studies [SCMS], 2015-2016)

Sandvig, C. & Hargittai, E. (2015). **How to Think About Digital Research.** In: Hargittai, E. & Sandvig, C. (eds.), *Digital Research Confidential*, pp. 1-27. Cambridge: MIT Press.

Sandvig, C., Hamilton, K., Karahalios, K., & Langbort, C. (2014). **An Algorithm Audit.** In: Seeta Peña Gangadharan (ed.), *Data and Discrimination: Collected Essays*, pp. 6-10. Washington, DC: New America Foundation. (invited.)

Sandvig, C. (2013). **The Internet as Infrastructure.** In: W. Dutton (ed.), *The Oxford Handbook of Internet Studies*, pp. 86-107. Oxford: Oxford University Press. (invited.)

**REFEREED CONFERENCE PAPERS** (last 5)

Sandvig, C. (2023). **Algorithm Auditing as Smart City Activism: The Prospects and the Challenges.** Paper presented to the 73<sup>rd</sup> annual meeting of the Int'l Communication Association, Toronto, Ontario.

Metaxa, D., Park, J. S., Robertson, R. E., Karahalios, K., Wilson, C., Hancock, J., & Sandvig, C. (2022). **Guidelines for Algorithm Auditing.** Paper presented to the 72<sup>th</sup> annual meeting of the Int'l Communication Association, Paris, France.

Sandvig, C. (2019). **It's Technically Fair, But You Might Not Like It.** Annual Meeting of the Society for the Social Study of Science (4S), New Orleans, LA, USA.

Grill, G. & Sandvig, C. (2019). **The science of "civil unrest prediction" meets social media.** Annual Meeting of the Society for the Social Study of Science (4S), New Orleans, LA, USA.

Sandvig, C. (2018). **Algorithm Auditing Research Designs and Academic Freedom.** Paper presented to the 68<sup>th</sup> annual meeting of the International Communication Association, Prague, Czech Republic.

**RELEVANT SERVICE**

Program Committees, (selected): Conference on Communications, Information and Internet Policy (TPRC), ICWSM (Steering Committee, Program Co-Chair), CSCW (Associate Chair), FAT\* (Track Co-Chair), ACM WebSci, IEEE ISTAS, IEEE DySpan  
 Editorial Boards, (selected): *J. Information Policy*, *Human Communications Research*, *Info: The J. of Policy, Regulation, and Strategy for Telecommunications*, *The Information Society* (Associate Editor), *Proc. ACM Human-Computer Interaction* (Associate Chair).