

# ANTHGC25: Advanced Topics in Digital Culture

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» Abildegaard et al (2017) Five recent play dates - EASST (no date). Available at: <https://easst.net/article/five-recent-play-dates/>.

'Abramson, Allen. (2016) What in/is the world in/of Big Data? Theorizing the Contemporary, Cultural Anthropology' (no date). Available at: <https://culanth.org/fieldsights/833-what-in-is-the-world-is-of-big-data>.

Adams, V. (2016) Metrics. Duke University Press. Available at: <https://doi.org/10.1215/9780822374480>.

After Kinship by Janet Carsten (no date a). Available at: <https://www-cambridge-org.libproxy.ucl.ac.uk/core/books/after-kinship/BF660970EC79E6A4847E76A38CBE1DB9>.

After Kinship by Janet Carsten (no date b). Available at: <https://www-cambridge-org.libproxy.ucl.ac.uk/core/books/after-kinship/BF660970EC79E6A4847E76A38CBE1DB9>.

Amoore, L. (2006) 'Biometric borders: Governing mobilities in the war on terror', *Political Geography*, 25(3), pp. 336–351. Available at: <https://doi.org/10.1016/j.polgeo.2006.02.001>.

Amoore, L. (2011) 'Data Derivatives: On the Emergence of a Security Risk Calculus for Our Times', *Theory, Culture & Society*, 28(6), pp. 24–43. Available at: <https://doi.org/10.1177/0263276411417430>.

Anderson, K. et al. (2009) 'Numbers Have Qualities Too: Experiences with Ethno-Mining', *Ethnographic Praxis in Industry Conference Proceedings*, 2009(1), pp. 123–140. Available at: <https://doi.org/10.1111/j.1559-8918.2009.tb00133.x>.

Anna Tsing (2000) 'The Global Situation', *Cultural Anthropology*, 15(3), pp. 327–360. Available at: [http://www.jstor.org/stable/656606?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/656606?seq=1#page_scan_tab_contents).

Annelise Riles (1998a) 'Infinity within the Brackets', *American Ethnologist*, 25(3), pp. 378–398. Available at: [http://www.jstor.org.libproxy.ucl.ac.uk/stable/645790?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/645790?seq=1#page_scan_tab_contents).

Annelise Riles (1998b) 'Infinity within the Brackets', *American Ethnologist*, 25(3), pp. 378–398. Available at: [http://www.jstor.org.libproxy.ucl.ac.uk/stable/645790?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/645790?seq=1#page_scan_tab_contents).

- Annette B. Weiner (1985) 'Inalienable Wealth', *American Ethnologist*, 12(2), pp. 210–227. Available at: [http://www.jstor.org/stable/644217?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/644217?seq=1#page_scan_tab_contents).
- Arturo Escobar (1999) 'After Nature Steps to an Antiessentialist Political Ecology', *Current Anthropology*, 40(1), pp. 1–30. Available at: [http://www.jstor.org/stable/10.1086/515799?sid=primo&origin=crossref&seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/10.1086/515799?sid=primo&origin=crossref&seq=1#page_scan_tab_contents).
- Asdal, K. (2008) 'Enacting things through numbers: Taking nature into account/ing', *Geoforum*, 39(1), pp. 123–132. Available at: <https://doi.org/10.1016/j.geoforum.2006.11.004>.
- Beaulieu, A. (2004) 'From brainbank to database: the informational turn in the study of the brain', *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*, 35(2), pp. 367–390. Available at: <https://doi.org/10.1016/j.shpsc.2004.03.011>.
- Beer, D. (2015) 'Productive measures: Culture and measurement in the context of everyday neoliberalism', *Big Data & Society*, 2(1). Available at: <https://doi.org/10.1177/2053951715578951>.
- Beer, D. (2016) 'How should we do the history of Big Data?', *Big Data & Society*, 3(1). Available at: <https://doi.org/10.1177/2053951716646135>.
- Beer, D. and Burrows, R. (2013) 'Popular Culture, Digital Archives and the New Social Life of Data', *Theory, Culture & Society*, 30(4), pp. 47–71. Available at: <https://doi.org/10.1177/0263276413476542>.
- Biagioli, M. (2012) 'Between Knowledge And Technology: Patenting Methods, Rethinking Materiality', *Anthropological Forum*, 22(3), pp. 285–299. Available at: <https://doi.org/10.1080/00664677.2012.724009>.
- Biagioli, M. (2013) 'Rights or rewards? Changing frameworks of scientific authorship', in *Scientific authorship: credit and intellectual property in science*. New York: Routledge, pp. 253–281. Available at: <http://www.tandfebooks.com/ISBN/9780203954270>.
- Birchall, C. (2016) 'Shareveillance: Subjectivity between open and closed data', *Big Data & Society*, 3(2). Available at: <https://doi.org/10.1177/2053951716663965>.
- Blok, A. and Pedersen, M.A. (2014) 'Complementary social science? Quali-quantitative experiments in a Big Data world', *Big Data & Society*, 1(2). Available at: <https://doi.org/10.1177/2053951714543908>.
- Boellstorff, T. (2012) 'Rethinking Digital Anthropology', in *Digital anthropology*. London: Berg. Available at: <https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780857852922>.
- Boellstorff, T. and Maurer, B. (eds) (2015a) 'Boellstorff, T. (2015) Making Big Data', in *Data, now bigger and better!* Chicago: Prickly Paradigm Press.

- Boellstorff, T. and Maurer, B. (eds) (2015b) 'Seaver, N. (2015) Bastard Algebra', in *Data, now bigger and better!* Chicago: Prickly Paradigm Press.
- Bowker, G. (2005) 'Databasing the world: Biodiversity and the 2000s', in *Memory practices in the sciences*. Cambridge, Mass: MIT Press, pp. 107–136. Available at: <https://contentstore.cla.co.uk//secure/link?id=4bbefe35-4f36-e711-80c9-005056af4099>.
- Bowker, G.C. (2014) 'The Theory/Data Thing', *International Journal of Communication*, 8. Available at: <http://ijoc.org/index.php/ijoc/article/view/2190>.
- Bowker, G.C. and Star, S.L. (1999) *Sorting things out: classification and its consequences*. Cambridge, Mass: MIT Press. Available at: <http://cognet.mit.edu/book/sorting-things-out>.
- boyd, danah and Crawford, K. (2012) 'CRITICAL QUESTIONS FOR BIG DATA', *Information, Communication & Society*, 15(5), pp. 662–679. Available at: <https://doi.org/10.1080/1369118X.2012.678878>.
- Breiger, R.L. (2015) 'Scaling down', *Big Data & Society*, 2(2). Available at: <https://doi.org/10.1177/2053951715602497>.
- Brine, K.R. and Poovey, M. (2013) 'From Measuring Desire to Quantifying Expectations: A Late Nineteenth-Century Effort to Marry Economic Theory and Data', in 'Raw data' is an oxymoron. Cambridge, Mass: MIT Press. Available at: <https://ieeexplore-ieee-org.libproxy.ucl.ac.uk/servlet/opac?bknumber=6451327>.
- Brown, D. and Nicholas, G. (2012) 'Protecting indigenous cultural property in the age of digital democracy: Institutional and communal responses to Canadian First Nations and Maori heritage concerns', *Journal of Material Culture*, 17(3), pp. 307–324. Available at: <https://doi.org/10.1177/1359183512454065>.
- Browne, S. (2015) *Dark Matters*. Duke University Press. Available at: <https://doi.org/10.1215/9780822375302>.
- Büscher, B. (2013) 'Nature 2.0', *Geoforum*, 44, pp. 1–3. Available at: <https://doi.org/10.1016/j.geoforum.2012.08.004>.
- Büscher, B. (2016) 'Nature 2.0: Exploring and theorizing the links between new media and nature conservation', *New Media & Society*, 18(5), pp. 726–743. Available at: <https://doi.org/10.1177/1461444814545841>.
- Candea, M. (2007) 'Arbitrary locations: in defence of the bounded field-site', *Journal of the Royal Anthropological Institute*, 13(1), pp. 167–184. Available at: <https://doi.org/10.1111/j.1467-9655.2007.00419.x>.
- Cheney-Lippold, J. (2011) 'A New Algorithmic Identity', *Theory, Culture & Society*, 28(6), pp. 164–181. Available at: <https://doi.org/10.1177/0263276411424420>.
- Chua, L. and Salmond, A. (2012) 'Artefacts in anthropology', in *The SAGE handbook of social anthropology*. Los Angeles: SAGE, pp. 101–114. Available at: <https://contentstore.cla.co.uk//secure/link?id=11445b7c-8636-e711-80c9-005056af4099>.
- Chun, W.H.K. (2008) 'The Enduring Ephemeral, or the Future Is a Memory', *Critical Inquiry*, 35(1), pp. 148–171. Available at: <https://doi.org/10.1086/595632>.

- Coopmans, C. (2014) 'Visual analytics as artful revelation', in C. Coopmans (ed.) *Representation in scientific practice revisited*. Cambridge, Massachusetts: The MIT Press. Available at: [http://www.jstor.org/stable/j.ctt9qf5hv.6?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/j.ctt9qf5hv.6?seq=1#page_scan_tab_contents).
- Couldry, N. and Powell, A. (2014) 'Big Data from the bottom up', *Big Data & Society*, 1(2). Available at: <https://doi.org/10.1177/2053951714539277>.
- D. Haggerty, Richard V. Ericson, K. (2000) 'The surveillant assemblage', *British Journal of Sociology*, 51(4), pp. 605–622. Available at: <https://doi.org/10.1080/00071310020015280>.
- D. Miller (2001) 'Alienable Gifts and Inalienable Commodities', in *The empire of things: regimes of value and material culture*. Santa Fe, N.M.: School of American Research Press.
- Dalsgaard, S. (2013) 'The commensurability of carbon', *HAU: Journal of Ethnographic Theory*, 3(1), pp. 80–98. Available at: <https://doi.org/10.14318/hau3.1.006>.
- Dalsgaard, S. and Nielsen, M. (2013) 'Introduction: Time and the Field', *Social Analysis*, 57(1), pp. 1–19. Available at: <https://doi.org/10.3167/sa.2013.570101>.
- Dawn Nafus (2014) 'Big Data, Big Questions - This One Does Not Go Up To 11: The Quantified Self Movement as an Alternative Big Data Practice', *International Journal of Communication*, 8. Available at: <http://ijoc.org/index.php/ijoc/article/view/2170>.
- 'Dourish, P. (2014) *No SQL: The Shifting Materialities of Databases*. *Computational Culture: a Journal of Software Studies*. Issue 4.' (no date). Available at: <http://computationalculture.net/article/no-sql-the-shifting-materialities-of-database-technology>.
- Elizabeth A. Povinelli (2011) 'The Woman on the Other Side of the Wall: Archiving the Otherwise in Postcolonial Digital Archives', *Differences: A Journal Of Feminist Cultural Studies*, 22(1), pp. 146–171. Available at: <https://doi.org/10.1215/10407391-1218274>.
- Emily Martin (1992) 'The End of the Body?', *American Ethnologist*, 19(1), pp. 121–140. Available at: [http://www.jstor.org/stable/644828?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/644828?seq=1#page_scan_tab_contents).
- Evelyn Ruppert (2011) 'Population Objects: Interpassive Subjects', *Sociology*, 45(2), pp. 218–233. Available at: [http://www.jstor.org/stable/42857535?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/42857535?seq=1#page_scan_tab_contents).
- Fairhead, J., Leach, M. and Scoones, I. (2012) 'Green Grabbing: a new appropriation of nature?', *Journal of Peasant Studies*, 39(2), pp. 237–261. Available at: <https://doi.org/10.1080/03066150.2012.671770>.
- Faubion, J.D. and Marcus, G.E. (2009) *Fieldwork is not what it used to be: learning anthropology's method in a time of transition*. Ithaca: Cornell University Press.
- Floridi, L. (2007) 'A Look into the Future Impact of ICT on Our Lives', *The Information Society*, 23(1), pp. 59–64. Available at: <https://doi.org/10.1080/01972240601059094>.
- Ford, H. (2014) 'Big Data and Small: Collaborations between ethnographers and data

scientists', *Big Data & Society*, 1(2). Available at:  
<https://doi.org/10.1177/2053951714544337>.

Fortun, K. et al. (2016) 'Pushback: Critical data designers and pollution politics', *Big Data & Society*, 3(2). Available at: <https://doi.org/10.1177/2053951716668903>.

Franklin, S. (2001) 'Biologization Re-visited: Kinship Theory', in *Relative values: reconfiguring kinship studies*. Durham [N.C.]: Duke University Press, pp. 302–325.  
Available at:

[https://ucl.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma9931045211204761&context=L&vid=44UCL\\_INST:UCL\\_VU2&lang=en&search\\_scope=MyInst\\_and\\_CI&adaptor=Local%20Search%20Engine&isFrbr=true&tab=Everything&query=any,contains,Relative%20values:%20reconfiguring%20kinship%20studies&sortby=date\\_d&facet=frbrgroupid,include,61215140135456524&offset=0](https://ucl.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma9931045211204761&context=L&vid=44UCL_INST:UCL_VU2&lang=en&search_scope=MyInst_and_CI&adaptor=Local%20Search%20Engine&isFrbr=true&tab=Everything&query=any,contains,Relative%20values:%20reconfiguring%20kinship%20studies&sortby=date_d&facet=frbrgroupid,include,61215140135456524&offset=0).

Franklin, S. (2003) 'Re-thinking nature-culture: Anthropology and the new genetics', *Anthropological Theory*, 3(1), pp. 65–85. Available at:  
<https://doi.org/10.1177/1463499603003001752>.

Fujimara, J. (1999) 'The Practice of Producing Meaning in Bioinformatics', in *The practices of human genetics*. Dordrecht: Kluwer Academic, pp. 49–87.

Fuller, M. and Goffey, A. (2012) 'Digital Infrastructures and the Machinery of Topological Abstraction', *Theory, Culture & Society*, 29(4–5), pp. 311–333. Available at:  
<https://doi.org/10.1177/0263276412450466>.

Fuller, M and Goffey, A. (2012) 'Leak early, leak often', in *Evil media*. Cambridge, Massachusetts: The MIT Press, pp. 100–104. Available at:  
[https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=15040989580004761&institutionId=4761&customerId=4760&VE=true](https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=15040989580004761&institutionId=4761&customerId=4760&VE=true).

Gabrys, J. (2016) *Program earth: environmental sensing technology and the making of a computational planet*. Minneapolis: University of Minnesota Press. Available at:  
<http://www.jstor.org/stable/10.5749/j.ctt1b7x5gq>.

Gabrys, J., Pritchard, H. and Barratt, B. (2016) 'Just good enough data: Figuring data citizenships through air pollution sensing and data stories', *Big Data & Society*, 3(2). Available at: <https://doi.org/10.1177/2053951716679677>.

Garnett, E. (2016) 'Developing a feeling for error: Practices of monitoring and modelling air pollution data', *Big Data & Society*, 3(2). Available at:  
<https://doi.org/10.1177/2053951716658061>.

Geismar, H. and Mohns, W. (2011) 'Social relationships and digital relationships: rethinking the database at the Vanuatu Cultural Centre', *Journal of the Royal Anthropological Institute*, 17, pp. S133–S155. Available at: <https://doi.org/10.1111/j.1467-9655.2011.01693.x>.

George E. Marcus and Marcelo Pizarro (2008) 'The End(s) of Ethnography: Social/Cultural Anthropology's Signature Form of Producing Knowledge in Transition', *Cultural Anthropology*, 23(1), pp. 1–14. Available at:

[http://www.jstor.org/stable/20484493?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/20484493?seq=1#page_scan_tab_contents).

Gerlitz, C. and Lury, C. (2014) 'Social media and self-evaluating assemblages: on numbers, orderings and values', *Distinktion: Scandinavian Journal of Social Theory*, 15(2), pp. 174–188. Available at: <https://doi.org/10.1080/1600910X.2014.920267>.

Gilles Deleuze (1992) 'Postscript on the Societies of Control', *October*, 59, pp. 3–7. Available at:

[http://www.jstor.org.libproxy.ucl.ac.uk/stable/778828?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/778828?seq=1#page_scan_tab_contents).

Gitelman, L. (2013) 'Raw data' is an oxymoron. Cambridge, Mass: MIT Press. Available at: <http://ieeexplore.ieee.org/xpl/bkabstractplus.jsp?bkn=6451327>.

Grebowicz, M. (2014) 'Glacial Time and Lonely Crowds: The social effects of climate change as internet spectacle', *Environmental Humanities*, 5, pp. 1–11. Available at: <http://environmentalhumanities.org/archives/vol5/>.

Greenfield, D. (2016) Deep Data: Notes on the n of 1. In 'Quantified: biosensing technologies in everyday life' ed. Dawn Nafus. MIT Press (no date). Available at: <http://ieeexplore.ieee.org.libproxy.ucl.ac.uk/xpl/ebooks/bookPdfWithBanner.jsp?fileName=7580296.pdf&bkn=7580015&pdfType=chapter>.

Gregg, M. (2015) 'The Gift That Is Not Given', in T. Boellstorff and B. Maurer (eds) *Data, now bigger and better!* Chicago: Prickly Paradigm Press.

Gregory, C.A. (1982) *Gifts and commodities*. London: Academic Press.

Gross, A. (2011) 'The economy of social data: exploring research ethics as device', *The Sociological Review*, 59, pp. 113–129. Available at: <https://doi.org/10.1111/j.1467-954X.2012.02055.x>.

Hacking, I. (1990) 'The argument', in *The Taming of Chance*. Cambridge: Cambridge University Press, pp. 1–10. Available at: <http://dx.doi.org/10.1017/CBO9780511819766>.

Halpern, O. (2014a) *Beautiful data: a history of vision and reason since 1945*. Durham, N.C.: Duke University Press.

Halpern, O. (2014b) 'Cybernetic rationality', *Distinktion: Scandinavian Journal of Social Theory*, 15(2), pp. 223–238. Available at: <https://doi.org/10.1080/1600910X.2014.923320>.

Halpern, O. (2015) *Beautiful Data*. Duke University Press. Available at: <https://doi.org/10.1215/9780822376323-010>.

Haraway, D. (1997) 'Chapter 4: Gene', in *Modest[Witness@Second]Millennium.FemaleMan[Meets]OncoMouse: feminism and technoscience*. New York: Routledge.

Harvey, P. (2012) 'The Topological Quality of Infrastructural Relation: An Ethnographic Approach', *Theory, Culture & Society*, 29(4–5), pp. 76–92. Available at: <https://doi.org/10.1177/0263276412448827>.

Helmond, A. (2014) "'Raw data" is an oxymoron', *Information, Communication & Society*, 17(9), pp. 1171–1173. Available at: <https://doi.org/10.1080/1369118X.2014.920042>.

Helmreich, S. (2002) 'Kinship in Hypertext', in *Relative values: reconfiguring kinship studies*. Durham, N.C.: Duke University Press, pp. 116–143. Available at: <http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780822383222>

Helmreich, S. (2007) 'Blue-green Capital, Biotechnological Circulation and an Oceanic Imaginary: A Critique of Biopolitical Economy', *BioSocieties*, 2(3), pp. 287–302. Available at: <https://doi.org/10.1017/S1745855207005753>.

Hilgartner, S. (2012) 'Selective flows of knowledge in technoscientific interaction: information control in genome research', *The British Journal for the History of Science*, 45(02), pp. 267–280. Available at: <https://doi.org/10.1017/S0007087412000106>.

Hirsch, E. and Strathern, M. (2004) *Transactions and creations: property debates and the stimulus of Melanesia*. New York: Berghahn Books. Available at: <https://www.jstor.org/stable/j.ctv287skdk>.

Hogan, M. (2015) 'Data flows and water woes: The Utah Data Center', *Big Data & Society*, 2(2). Available at: <https://doi.org/10.1177/2053951715592429>.

Hui, Y. (2012) 'What is a Digital Object?', *Metaphilosophy*, 43(4), pp. 380–395. Available at: <https://doi.org/10.1111/j.1467-9973.2012.01761.x>.

Igoe, J. (2010) 'The spectacle of nature in the global economy of appearances: Anthropological engagements with the spectacular mediations of transnational conservation', *Critique of Anthropology*, 30(4), pp. 375–397. Available at: <https://doi.org/10.1177/0308275X10372468>.

Isin, E and Ruppert E (2017) Citizen Snowden. *International Journal of Communication* 11 843-857 (no date a). Available at: <http://ijoc.org/index.php/ijoc/article/viewFile/5642/1934>.

Isin, E and Ruppert E (2017) Citizen Snowden. *International Journal of Communication* 11 843-857 (no date b). Available at: <http://ijoc.org/index.php/ijoc/article/viewFile/5642/1934>.

J. Holt and Patrick Vondereau (2014) 'Where the Internet Lives: Data Centers as Cloud Infrastructure', in *Traffic signal timing manual*. [Washington, D.C.]: U.S. Department of Transportation. Available at: [http://app.knovel.com/hotlink/toc/id:kpTSTMPNF2/traffic\\_signal\\_timing\\_manual\\_publication\\_no\\_fhwahop08024](http://app.knovel.com/hotlink/toc/id:kpTSTMPNF2/traffic_signal_timing_manual_publication_no_fhwahop08024).

Jackson Jr., J.L. (no date) 'Ethnography is, ethnography ain't', *Cultural Anthropology*, 27(3), pp. 480–497. Available at: <https://doi.org/10.1111/j.1548-1360.2012.01155.x>.

Jensen, C.B. and Morita, A. (2015) 'Infrastructures as Ontological Experiments', *Engaging Science, Technology, and Society*, 1, pp. 81–87. Available at: <http://estsjournal.org/article/view/21>.

- JIMÉNEZ, A.C. (2008) 'Relations and disproportions: The labor of scholarship in the knowledge economy', *American Ethnologist*, 35(2), pp. 229–242. Available at: <https://doi.org/10.1111/j.1548-1425.2008.00035.x>.
- John, N.A. (2013) 'Sharing and Web 2.0: The emergence of a keyword', *New Media & Society*, 15(2), pp. 167–182. Available at: <https://doi.org/10.1177/1461444812450684>.
- Kaufmann, M. (2015) 'Resilience 2.0: social media use and (self-)care during the 2011 Norway attacks', *Media, Culture & Society*, 37(7), pp. 972–987. Available at: <https://doi.org/10.1177/0163443715584101>.
- Kelty, C., Coleman, G. and Strassler, K. (2012) Commentary and Discussion on the Digital Form Curated Collection, Curated Collections, Cultural Anthropology Online. Available at: [http://www.culanth.org/curated\\_collections/8-the-digital-form/discussions/15-commentary-and-discussion-on-the-digital-form-curated-collection](http://www.culanth.org/curated_collections/8-the-digital-form/discussions/15-commentary-and-discussion-on-the-digital-form-curated-collection).
- Kelty, C.M. (2012) 'This is not an article: Model organism newsletters and the question of "open science"', *BioSocieties*, 7(2), pp. 140–168. Available at: <https://doi.org/10.1057/biosoc.2012.8>.
- Kim Fortun (2004) 'From Bhopal to the Informing of Environmentalism: Risk Communication in Historical Perspective', *Osiris*, 19, pp. 283–296. Available at: [http://www.jstor.org.libproxy.ucl.ac.uk/stable/3655245?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/3655245?seq=1#page_scan_tab_contents).
- Kirstie Ball ; Kevin D. Haggend David Lyon (no date) 'Bruno, Fernanda. (2012) Surveillance and Participation on Web 2.0.', in *Routledge Handbook of Surveillance Studies*. Available at: <https://doi.org/10.4324/9780203814949>.
- Kitchin, R. (2014) 'Big Data, new epistemologies and paradigm shifts', *Big Data & Society*, 1(1). Available at: <https://doi.org/10.1177/2053951714528481>.
- Knox, H. (2015) 'Carbon, Convertibility, and the Technopolitics of Oil', in H. Appel, A. Mason, and M. Watts (eds) *Subterranean estates: life worlds of oil and gas*. Ithaca: Cornell University Press. Available at: [https://ucl.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma9931090819204761&context=L&vid=44UCL\\_INST:UCL\\_VU2&lang=en&search\\_scope=MyInst\\_and\\_CI&adaptor=Local%20Search%20Engine&isFrbr=true&tab=Everything&query=any,contains,990022437450204761&sortby=date\\_d&facet=frbrgroupid,include,9022657445453213247&offset=0](https://ucl.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma9931090819204761&context=L&vid=44UCL_INST:UCL_VU2&lang=en&search_scope=MyInst_and_CI&adaptor=Local%20Search%20Engine&isFrbr=true&tab=Everything&query=any,contains,990022437450204761&sortby=date_d&facet=frbrgroupid,include,9022657445453213247&offset=0).
- Laidlaw, J. (2000) 'A free gift makes no friends', *Journal of the Royal Anthropological Institute*, 6(4), pp. 617–634. Available at: <https://doi.org/10.1111/1467-9655.00036>.
- Lake, R.W. (2017) 'Big Data, urban governance, and the ontological politics of hyperindividualism', *Big Data & Society*, 4(1). Available at: <https://doi.org/10.1177/2053951716682537>.
- Lash, S. (2007) 'Power after Hegemony: Cultural Studies in Mutation?', *Theory, Culture & Society*, 24(3), pp. 55–78. Available at: <https://doi.org/10.1177/0263276407075956>.
- Latour, B. (1999) 'Circulating Reference', in *Pandora's hope: essays on the reality of science studies*. Cambridge, Mass: Harvard University Press, pp. 24–79. Available at:



<https://contentstore.cla.co.uk//secure/link?id=3281174a-6036-e711-80c9-005056af4099>.  
Latour, B. et al. (2012) "'The whole is always smaller than its parts" - a digital test of Gabriel Tardes' monads', *The British Journal of Sociology*, 63(4), pp. 590–615. Available at: <https://doi.org/10.1111/j.1468-4446.2012.01428.x>.

Leach, J. (2011) 'The Self of the Scientist, Material for the Artist: Emergent Distinctions in an Interdisciplinary Collaboration', *Social Analysis*, 55(3). Available at: <https://doi.org/10.3167/sa.2011.550308>.

Lehning, M., Dawes, N. and Bavay et. al., M. (no date) 'Instrumenting the earth: Next-generation sensor networks and environmental science', in *The fourth paradigm: data-intensive scientific discovery*. Redmond, Wash: Microsoft Research, pp. 45–51.

Leonelli, S. (2013) 'Why the Current Insistence on Open Access to Scientific Data? Big Data, Knowledge Production, and the Political Economy of Contemporary Biology', *Bulletin of Science, Technology & Society*, 33(1–2), pp. 6–11. Available at: <https://doi.org/10.1177/0270467613496768>.

Lezaun, J. and Montgomery, C.M. (2015) 'The Pharmaceutical Commons: Sharing and Exclusion in Global Health Drug Development', *Science, Technology & Human Values*, 40(1), pp. 3–29. Available at: <https://doi.org/10.1177/0162243914542349>.

Lippert, I. (2015) 'Environment as datascape: Enacting emission realities in corporate carbon accounting', *Geoforum*, 66, pp. 126–135. Available at: <https://doi.org/10.1016/j.geoforum.2014.09.009>.

Lupton, D. (2013) 'Quantifying the body: monitoring and measuring health in the age of mHealth technologies', *Critical Public Health*, 23(4), pp. 393–403. Available at: <https://doi.org/10.1080/09581596.2013.794931>.

Lupton, D. (2014) 'The commodification of patient opinion: the digital patient experience economy in the age of big data', *Sociology of Health & Illness*, 36(6), pp. 856–869. Available at: <https://doi.org/10.1111/1467-9566.12109>.

Lupton, D. (no date) 'Self-tracking modes: reflexive self-monitoring and data practices', *Social life of big data symposium 2nd June 2015*. School of Communications and Arts, Edith Cowan University, Perth Western Australia. Available at: <http://ro.ecu.edu.au/>.

LYON, D. (2008) 'BIOMETRICS, IDENTIFICATION AND SURVEILLANCE', *Bioethics*, 22(9), pp. 499–508. Available at: <https://doi.org/10.1111/j.1467-8519.2008.00697.x>.

Lyon, D. (2008) 'Biometrics, Identification and Surveillance', *Bioethics*, 22(9), pp. 499–508. Available at: <https://doi.org/10.1111/j.1467-8519.2008.00697.x>.

Lyon, D. (2010) 'Liquid Surveillance: The Contribution of Zygmunt Bauman to Surveillance Studies<sup>1</sup>', *International Political Sociology*, 4(4), pp. 325–338. Available at: <https://doi.org/10.1111/j.1749-5687.2010.00109.x>.

Lyon, D. (2014) 'Surveillance, Snowden, and Big Data: Capacities, consequences, critique', *Big Data & Society*, 1(2). Available at: <https://doi.org/10.1177/2053951714541861>.

Mackenzie, A. (2003) 'These Things Called Systems', *Social Studies of Science*, 33(3), pp.

365–387. Available at: <https://doi.org/10.1177/03063127030333003>.

Mackenzie, A. (2014) 'Multiplying numbers differently: an epidemiology of contagious convolution', *Distinktion: Scandinavian Journal of Social Theory*, 15(2), pp. 189–207. Available at: <https://doi.org/10.1080/1600910X.2014.922110>.

Manovich, L. (1999) 'Database as Symbolic Form', *Convergence: The International Journal of Research into New Media Technologies*, 5(2), pp. 80–99. Available at: <https://doi.org/10.1177/135485659900500206>.

Marcus, G. (2010) 'Holism and the Expectations of Critique in Post-1980s Anthropology; Notes and Queries, and an Epilogue', in *Experiments in holism: theory and practice in contemporary anthropology*. Chichester, West Sussex: Wiley-Blackwell, pp. 28–46. Available at: <http://dx.doi.org/10.1002/9781444324426>.

Marcus, G.E. (1995) 'Ethnography in/of the World System: The Emergence of Multi-Sited Ethnography', *Annual Review of Anthropology*, 24(1), pp. 95–117. Available at: <https://doi.org/10.1146/annurev.an.24.100195.000523>.

MARCUS, G.E. (2012) 'THE LEGACIES OF WRITING CULTURE AND THE NEAR FUTURE OF THE ETHNOGRAPHIC FORM: A Sketch', *Cultural Anthropology*, 27(3), pp. 427–445. Available at: <https://doi.org/10.1111/j.1548-1360.2012.01152.x>.

MARILYN STRATHERN (2001) 'VIRTUAL SOCIETY? GET REAL! Ashridge 4–5 May 2000: Conference of the "Virtual Society?: the Social Science of Electronic Technologies" Programme: Abstraction and decontextualisation: an anthropological comment', *The Cambridge Journal of Anthropology*, 22(1), pp. 52–66. Available at: [http://www.jstor.org.libproxy.ucl.ac.uk/stable/23820353?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/23820353?seq=1#page_scan_tab_contents).

Marilyn Strathern (2001) 'Virtual society? Get real! Ashridge 4–5 May 2000: Conference of the "Virtual Society?: the Social Science of Electronic Technologies" Programme: Abstraction and decontextualisation: an anthropological comment', *The Cambridge Journal of Anthropology*, 22(1), pp. 52–66. Available at: [http://www.jstor.org/stable/23820353?seq=8#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/23820353?seq=8#page_scan_tab_contents).

Marr, B. (21AD) The Difference Between Big Data and a Lot of Data. *Data Informed*. Available at: <http://data-informed.com/>.

Marres, N. and Weltevrede, E. (2013) 'Scraping the social?', *Journal of Cultural Economy*, 6(3), pp. 313–335. Available at: <https://doi.org/10.1080/17530350.2013.772070>.

Maurer, B. (2012) 'Late to the party: debt and data', *Social Anthropology*, 20(4), pp. 474–481. Available at: <https://doi.org/10.1111/j.1469-8676.2012.00219.x>.

Maurer, W.M. (2015) 'Principles of Alliance and Descent for Big Data', in *Prickly Paradigm Press/University of Chicago*, pp. 67–86. Available at: <http://escholarship.org/uc/item/41r1s161>.

M'charek, A., Schramm, K. and Skinner, D. (2014) 'Topologies of Race', *Science, Technology, & Human Values*, 39(4), pp. 468–487. Available at: <https://doi.org/10.1177/0162243913509493>.

McNally, R. et al. (2012) 'Understanding the "Intensive" in "Data Intensive Research": Data Flows in Next Generation Sequencing and Environmental Networked Sensors', *International Journal of Digital Curation*, 7(1), pp. 81–94. Available at: <https://doi.org/10.2218/ijdc.v7i1.216>.

Mike Savage and Roger Burrows (2007) 'The Coming Crisis of Empirical Sociology', *Sociology*, 41(5), pp. 885–899. Available at: [http://www.jstor.org.libproxy.ucl.ac.uk/stable/42858273?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/42858273?seq=1#page_scan_tab_contents).

Nadim, T. (2016) 'Blind regards: Troubling data and their sentinels', *Big Data & Society*, 3(2). Available at: <https://doi.org/10.1177/2053951716666301>.

Nafus, D. (2014) 'Stuck data, dead data, and disloyal data: the stops and starts in making numbers into social practices', *Distinktion: Scandinavian Journal of Social Theory*, 15(2), pp. 208–222. Available at: <https://doi.org/10.1080/1600910X.2014.920266>.

Nafus, D. (2015) Data, Data, Everywhere, but Who Gets to Interpret It? | EPIC, EPIC. EPICPeople.org. Available at: <https://www.epicpeople.org/data-data-everywhere/>.

Nafus, D ; Sherman, J (no date) 'This One Does Not Go Up to 11: The Quantified Self Movement as an Alternative Big Data Practice'. Available at: [http://ucl-primo.hosted.exlibrisgroup.com/primo\\_library/libweb/action/display.do?tabs=detailsTab&ct=display&fn=search&doc=TN\\_wos000349010500023&indx=1&reclids=TN\\_wos000349010500023&recldxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&frbg=&&dscnt=0&scp.scps=scope%3A%28UCL%29%2Cprimo\\_central\\_multiple\\_fe&tb=t&mode=Basic&vid=UCL\\_VU1&srt=rank&tab=local&dum=true&vl\(freeText0\)=%20Nafus%2C%20D.%20and%20J.%20Sherman%20%282014%29%20This%20One%20Does%20Not%20Go%20Up%20to%20Eleven%3A%20The%20Quantified%20Self%20Movement%20as%20an%20Alternative%20Big%20Data%20Practice.%20International%20Journal%20of%20Communication%2C%20Vol%208.&dstmp=1471435285056](http://ucl-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/display.do?tabs=detailsTab&ct=display&fn=search&doc=TN_wos000349010500023&indx=1&reclids=TN_wos000349010500023&recldxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&frbg=&&dscnt=0&scp.scps=scope%3A%28UCL%29%2Cprimo_central_multiple_fe&tb=t&mode=Basic&vid=UCL_VU1&srt=rank&tab=local&dum=true&vl(freeText0)=%20Nafus%2C%20D.%20and%20J.%20Sherman%20%282014%29%20This%20One%20Does%20Not%20Go%20Up%20to%20Eleven%3A%20The%20Quantified%20Self%20Movement%20as%20an%20Alternative%20Big%20Data%20Practice.%20International%20Journal%20of%20Communication%2C%20Vol%208.&dstmp=1471435285056).

Porter, T.M. (1995) *Trust in numbers: the pursuit of objectivity in science and public life*. Princeton, N.J: Princeton University Press.

Publications | Sciences Po | MedialabSciences Po | Medialab (no date). Available at: <http://www.medialab.sciences-po.fr/publication/>.

Rabinow, P. (1996) *Essays on the anthropology of reason*. Princeton, N.J: Princeton University Press.

Rapp, R. (2015) 'Big data, small kids: Medico-scientific, familial and advocacy visions of human brains', *BioSocieties* [Preprint]. Available at: <https://doi.org/10.1057/biosoc.2015.33>.

Richard Maxwell ; Jon Raundand Nina Lager Vestberg (no date) 'Gabrys, J. (2015) Powering Ecologies: From Energy Ecologies to Electronic Environmentalism', in *Media and the Ecological Crisis: Routledge research in cultural and media studies* 67.

Richardson, Sarah S. ; Stevens, Hallam (no date) 'Fortun, M. (2015) What Toll Pursuit:

Affective Assemblages in Genomics and Postgenomics', in *Postgenomics: Perspectives on Biology after the Genome*. Available at:  
[http://ucl-primo.hosted.exlibrisgroup.com/primo\\_library/libweb/action/display.do?frbrVersion=4&tabs=detailsTab&ct=display&fn=search&doc=TN\\_dawson9780822375449&indx=2&reclds=TN\\_dawson9780822375449&recldxs=1&elementId=1&renderMode=poppedOut&displayMode=full&frbrVersion=4&frbg=&&dscnt=0&scp.scps=scope%3A%28UCL%29%2Cprimo\\_central\\_multiple\\_fe&tb=t&mode=Basic&vid=UCL\\_VU1&srt=rank&tab=local&dum=true&vl\(freeText0\)=Postgenomics%3A%20Perspectives%20on%20Biology%20After%20the%20Genome&dstmp=1471430773987](http://ucl-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/display.do?frbrVersion=4&tabs=detailsTab&ct=display&fn=search&doc=TN_dawson9780822375449&indx=2&reclds=TN_dawson9780822375449&recldxs=1&elementId=1&renderMode=poppedOut&displayMode=full&frbrVersion=4&frbg=&&dscnt=0&scp.scps=scope%3A%28UCL%29%2Cprimo_central_multiple_fe&tb=t&mode=Basic&vid=UCL_VU1&srt=rank&tab=local&dum=true&vl(freeText0)=Postgenomics%3A%20Perspectives%20on%20Biology%20After%20the%20Genome&dstmp=1471430773987).

Riles, A. (2001) *The network inside out*: Annelise Riles. Ann Arbor: University of Michigan Press.

Riles, A. (2006) 'Introduction: in response', in *Documents: artifacts of modern knowledge*. Ann Arbor: University of Michigan Press, pp. 1–38.

Roderick, L. (2014) 'Discipline and Power in the Digital Age: The Case of the US Consumer Data Broker Industry', *Critical Sociology*, 40(5), pp. 729–746. Available at:  
<https://doi.org/10.1177/0896920513501350>.

Rosemary J. Coombe and Andrew Herman (2004) 'Rhetorical Virtues: Property, Speech, and the Commons on the World-Wide Web', *Anthropological Quarterly*, 77(3), pp. 559–574. Available at: <http://www.jstor.org/stable/3318236>.

Rosenberg, D. (2013) 'Data before the fact', in L. Gitelman (ed.) *'Raw data' is an oxymoron*. Cambridge, Massachusetts: The MIT Press. Available at:  
<http://ieeexplore.ieee.org/servlet/opac?bknumber=6451327>.

Rubio, F.D. and Baert, P. (eds) (2012) 'Leach, J. (2012) "Step inside: knowledge freely available": The politics of (making) knowledge-objects'.', in *The politics of knowledge*. London: Routledge. Available at: <https://www.taylorfrancis.com/books/9781134004386>.

Ruckenstein, M. (2014) 'Visualized and Interacted Life: Personal Analytics and Engagements with Data Doubles', *Societies*, 4(1), pp. 68–84. Available at:  
<https://doi.org/10.3390/soc4010068>.

Ruppert, E. (2011) 'Population Objects: Interpassive Subjects', *Sociology*, 45(2), pp. 218–233. Available at: <https://doi.org/10.1177/0038038510394027>.

Ruppert, E. (2012) 'The Governmental Topologies of Database Devices', *Theory, Culture & Society*, 29(4–5), pp. 116–136. Available at: <https://doi.org/10.1177/0263276412439428>.

Ruppert, E., Law, J. and Savage, M. (2013) 'Reassembling Social Science Methods: The Challenge of Digital Devices', *Theory, Culture & Society*, 30(4), pp. 22–46. Available at: <https://doi.org/10.1177/0263276413484941>.

Ruppert, E. and Savage, M. (2011) 'Transactional politics', *The Sociological Review*, 59, pp. 73–92. Available at: <https://doi.org/10.1111/j.1467-954X.2012.02057.x>.

S. Day and C. Lury (2016) *Biosensing: Tracking Persons.*, in *Quantified: Biosensing Technologies in Everyday Life*. MIT Press. Available at:

<http://ieeexplore.ieee.org.libproxy.ucl.ac.uk/xpl/ebooks/bookPdfWithBanner.jsp?fileName=7580073.pdf&bkn=7580015&pdfType=chapter>.

Sabina Leonelli (2015) 'What Counts as Scientific Data? A Relational Framework', *Philosophy of Science*, 82(5), pp. 810–821. Available at: [http://www.jstor.org/stable/10.1086/684083?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/10.1086/684083?seq=1#page_scan_tab_contents).

Salmond, A.J.M. (2013) 'Transforming translations (part I)', *HAU: Journal of Ethnographic Theory*, 3(3). Available at: <https://doi.org/10.14318/hau3.3.002>.

Seaver, N. (2015) 'The nice thing about context is that everyone has it', *Media, Culture & Society*, 37(7), pp. 1101–1109. Available at: <https://doi.org/10.1177/0163443715594102>.  
Seaver, N. (2017) 'Algorithms as culture: Some tactics for the ethnography of algorithmic systems', *Big Data & Society*, 4(2). Available at: <https://doi.org/10.1177/2053951717738104>.

Shackley, S. and Wynne, B. (1996) 'Representing Uncertainty in Global Climate Change Science and Policy: Boundary-Ordering Devices and Authority', *Science, Technology & Human Values*, 21(3), pp. 275–302. Available at: <https://doi.org/10.1177/016224399602100302>.

Sharma, A. and Gupta, A. (2006) 'Sharma, A. and Gupta, A. (2006) Introduction: Re-thinking Theories of the State in an Age of Globalization', in *The anthropology of the state: a reader*. Malden, Mass: Blackwell.

Sharp, L.A. (2000) 'The Commodification of the Body and its Parts', *Annual Review of Anthropology*, 29(1), pp. 287–328. Available at: <https://doi.org/10.1146/annurev.anthro.29.1.287>.

Singer, N. (2015) 'From knowing yourself to prodding yourself', *The New York Times* [Preprint]. Available at: <http://www.nexis.com.libproxy.ucl.ac.uk/docview/getDocForCuiReq?Ini=5FSY-6451-JBG3-608X&csi=6742&oc=00240&perma=true>.

Stefan Helmreich (2011) 'From Spaceship Earth to Google Ocean: Planetary Icons, Indexes, and Infrastructures', *Social Research*, 78(4), pp. 1211–1242. Available at: [http://www.jstor.org.libproxy.ucl.ac.uk/stable/23349849?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.libproxy.ucl.ac.uk/stable/23349849?seq=1#page_scan_tab_contents).

Steinmetz, G. (1999) 'Mitchell, T. (1999) Society, Economy and the State Effect. In *State/Culture: State Formation after the Cultural Turn.*', in *State/culture: state-formation after the cultural turn*. Ithaca, N.Y.: Cornell University Press. Available at: [https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=14616198260004761&institutionId=4761&customerId=4760&VE=true](https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=14616198260004761&institutionId=4761&customerId=4760&VE=true).

Strathern, M. (1987) 'The Limits of Auto-anthropology', in *Anthropology at home*. London: Tavistock Publications, pp. 16–37.

Strathern, M. (1992a) *After nature: English kinship in the late twentieth century*. Cambridge: Cambridge University Press.

- Strathern, M. (1992b) 'Parts and wholes: refiguring relationships in a post-plural world', in *Conceptualizing society*. London: Routledge, pp. 75–106. Available at: <http://www.tandfebooks.com/ISBN/9780203032244>.
- Strathern, M. (1999) 'Chapter 1', in *Property, substance and effect: anthropological essays on persons and things*. London: Athlone.
- Strathern, M. (2000) 'Environments within: An ethnographic commentary on scale', in *Culture, landscape, and the environment: the Linacre lectures, 1997*. Oxford: Oxford University Press, pp. 44–71.
- Strathern, M. (2001) 'The Patent and the Malanggan', *Theory, Culture & Society*, 18(4), pp. 1–26. Available at: <https://doi.org/10.1177/02632760122051850>.
- Strathern, Marilyn (2002) 'Externalities in comparative guise', *Economy and Society*, 31(2), pp. 250–267. Available at: <https://doi.org/10.1080/03085140220123153>.
- Strathern, M. (2002) 'On Space and Depth', in *Complexities: social studies of knowledge practices*. Durham: Duke University Press. Available at: <http://dx.doi.org/10.1215/9780822383550>.
- Strathern, M. (2004) *Partial connections*. Updated ed. Walnut Creek, CA: AltaMira Press.
- Strathern, M. (2005) 'Chapter 5: Losing (out on) Intellectual Resources', in *Kinship, Law and the Unexpected: Relatives are Always a Surprise*. Cambridge: Cambridge University Press, pp. 111–134. Available at: <http://dx.doi.org/10.1017/CBO9780511614514>.
- Strathern, M. and University of Cambridge. Department of Social Anthropology (1995) *The relation: issues in complexity and scale*. Cambridge, U.K.: Prickly Pear Press.
- Striphos, T. (2015) 'Algorithmic culture', *European Journal of Cultural Studies*, 18(4–5), pp. 395–412. Available at: <https://doi.org/10.1177/1367549415577392>.
- Thacker, E. (2003) 'What is Biomedica?', *Configurations*, 11(1), pp. 47–79. Available at: <https://doi.org/10.1353/con.2004.0014>.
- The End of Theory: The Data Deluge Makes the Scientific Method Obsolete | WIRED (no date). Available at: <https://www.wired.com/2008/06/pb-theory/>.
- The World of Indicators edited by Richard Rottenburg (no date). Available at: <https://www-cambridge-org.libproxy.ucl.ac.uk/core/books/world-of-indicators/C7903E69E0329A256EF02C3CB5C918ED>.
- 'To the Cloud: Big Data in a Turbulent World' (2015) *Contemporary Sociology: A Journal of Reviews*, 44(3), pp. 436–437. Available at: <https://doi.org/10.1177/0094306115579192c>.
- Tsing, Anna (2013) 'Sorting out commodities: How capitalist value is made through gifts', *HAU: Journal of Ethnographic Theory*, 3(1), pp. 21–43. Available at: [https://search-proquest-com.libproxy.ucl.ac.uk/docview/1850088542?rfr\\_id=info%3Axri%2Fsid%3Aprimo](https://search-proquest-com.libproxy.ucl.ac.uk/docview/1850088542?rfr_id=info%3Axri%2Fsid%3Aprimo).
- Tutton, R. and Prainsack, B. (2011) 'Enterprising or altruistic selves? Making up research

subjects in genetics research', *Sociology of Health & Illness*, 33(7), pp. 1081–1095. Available at: <https://doi.org/10.1111/j.1467-9566.2011.01348.x>.

Underberg, N.M. and Zorn, E. (2013) 'Exploring Peruvian Culture through Multimedia Ethnography', *Visual Anthropology*, 26(1), pp. 1–17. Available at: <https://doi.org/10.1080/08949468.2013.734760>.

Universitetet i Oslo (2005) *State formation: anthropological perspectives*. Edited by C. Krohn-Hansen and K.G. Nustad. London: Pluto Press. Available at: <https://www.jstor.org/stable/j.ctt18fs5n7>.

Van Dijck, J. (2000) 'Digital cadavers: the visible human project as anatomical theater', *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*, 31(2), pp. 271–285. Available at: [https://doi.org/10.1016/S1369-8486\(99\)00020-5](https://doi.org/10.1016/S1369-8486(99)00020-5).

Van Dijck, J. and Poell, T. (2016) 'Understanding the promises and premises of online health platforms', *Big Data & Society*, 3(1). Available at: <https://doi.org/10.1177/2053951716654173>.

Velkova, J. (2016) 'Data that warms: Waste heat, infrastructural convergence and the computation traffic commodity', *Big Data & Society*, 3(2). Available at: <https://doi.org/10.1177/2053951716684144>.

Verran, H. (2009) 'On assemblage', *Journal of Cultural Economy*, 2(1–2), pp. 169–182. Available at: <https://doi.org/10.1080/17530350903064188>.

Verran, H. (2011) 'The Changing Lives of Measures and Values: From Centre Stage in the Fading "Disciplinary" Society to Pervasive Background Instrument in the Emergent "Control" Society', *The Sociological Review*, 59(2\_suppl), pp. 60–72. Available at: <https://doi.org/10.1111/j.1467-954X.2012.02059.x>.

Verran, H. (2014) 'Number as Generative Device', in C. Lury and N. Wakeford (eds) *Inventive methods: the happening of the social*. Abingdon: Routledge.

Vertesi, J. (2014) 'My Experiment Opting Out of Big Data Made Me Look Like a Criminal.', *Time.com*, pp. 1–1. Available at: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=bth&AN=95911990&site=ehost-live&scope=site>.

Walford, A. (2012) 'Data Moves: Taking Amazonian Climate Science Seriously', *The Cambridge Journal of Anthropology*, 30(2). Available at: <https://doi.org/10.3167/ca.2012.300207>.

Weiner, A.B. (1992a) 'Inalienable possessions: The forgotten dimension', in *Inalienable possessions: the paradox of keeping-while-giving*. Berkeley: University of California Press, pp. 23–43. Available at: <https://contentstore.cla.co.uk//secure/link?id=7cf9c98c-5836-e711-80c9-005056af4099>.

Weiner, A.B. (1992b) 'Reconfiguring Exchange Theory: The Maori Hau', in *Inalienable possessions: the paradox of keeping-while-giving*. Berkeley: University of California Press.

Wendy F. Hsu (2016) 'Hsu, W.F (2016) A Performative Digital Ethnography. In "The Routledge Companion to Digital Ethnography" eds. Hjorth, Horst, Galloway, Bell. Routledge'. Available at: <https://doi.org/10.4324/9781315673974.ch4>.

Whittington, J. (2016) 'Carbon as a Metric of the Human', *PoLAR: Political and Legal Anthropology Review*, 39(1), pp. 46–63. Available at: <https://doi.org/10.1111/plar.12130>.

Why Big Data Needs Thick Data – Ethnography Matters – Medium (no date). Available at: <https://medium.com/ethnography-matters/why-big-data-needs-thick-data-b4b3e75e3d7>.