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## **Reflexive inertia : reinventing scholarship through digital practices**

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## References

### Written sources and digital artifacts cited

- ACLS (2006) *Our Cultural Commonwealth: The Report of the American Council of Learned Societies Commission on Cyberinfrastructure for the Humanities and Social Sciences* (New York: ACLS). Available at [http://www.acls.org/uploadedFiles/Publications/Programs/Our\\_Cultural\\_Commonwealth.pdf](http://www.acls.org/uploadedFiles/Publications/Programs/Our_Cultural_Commonwealth.pdf) (accessed 2 December 2014).
- AHRC (2006) *Peer Review and Evaluation of Digital Resources for the Arts and Humanities*. Available at <http://www.history.ac.uk/projects/peer-review>. (accessed 5 October 2014).
- AHRC/JISC (2006) *AHDS Review and User Survey. Invitation to Tender*. Available at [http://www.jisc.ac.uk/media/documents/funding/2006/05/ahds\\_review.pdf](http://www.jisc.ac.uk/media/documents/funding/2006/05/ahds_review.pdf) (accessed 7 July 2014).
- Aiden, E. and Michel, J.-B. (2013) *Uncharted: Big Data as a Lens on Human Culture* (New York: Riverhead Books).
- Akrich, M. (1992) The De-description of Technical Objects, in: W. Bijker and J. Law (Eds) *Shaping Technology/Building Society. Studies in Sociotechnical Change* (Cambridge, MA: The MIT Press, pp. 205-224).
- American Academy of Arts & Sciences (2014) *Humanities Indicators*. Available at <http://www.humanitiesindicators.org/> (accessed 2 December 2014).
- Anderson, C. (2008, June 23) The End of Theory: The Data Deluge Makes the Scientific Method Obsolete, *Wired*. Available at [http://www.wired.com/science/discoveries/magazine/16-07/pb\\_theory](http://www.wired.com/science/discoveries/magazine/16-07/pb_theory) (accessed 27 January 2014).
- Anderson, S., Blanke, T., and Dunn, S. (2010) Methodological Commons: Arts and Humanities e-Science Fundamentals, *Philosophical Transactions. Series A, Mathematical, Physical and Engineering Sciences* 368(1925), pp. 3779–3796.
- Antonijević, S., Wyatt, S., and Dormans, S. (2013) Working in Virtual Knowledge: Affective Labor in Scholarly Communication, in: P. Wouters, A. Beaulieu, A. Scharnhorst and S. Wyatt (Eds) *Virtual*

- Knowledge: Experimenting in the Humanities and the Social Sciences*, pp. 57–89 (Cambridge, MA: The MIT Press).
- Ashmore, M. (1989) *The Reflexive Thesis: Wrighting Sociology of Scientific Knowledge* (Chicago and London: University of Chicago Press).
- Aspers, P. (2014) Performing Ontology, *Social Studies of Science* 43(3), pp. 1-5.
- Atkins, D., Droegemeier, K.K., Feldman, S.I., Garcia–Molina, H., Klein, M.L., and Messina, P. (2003) *Revolutionizing Science and Engineering Through Cyberinfrastructure: Report of the National Science Foundation Blue–Ribbon Advisory Panel on Cyberinfrastructure* (Washington, D.C.: National Science Foundation). Available at <http://www.nsf.gov/cise/sci/reports/atkins.pdf> (accessed 12 September 2008).
- Atkinson, R., Held, G., and Jeffares, S. (2011) Theories of Discourse and Narrative: What Do They Mean for Governance and Policy?, in: R. Atkinson, G. Terizakis and K. Zimmermann (Eds) *Sustainability in European Environmental Policy: Challenges of Governance and Knowledge*, pp. 115-130 (London: Routledge).
- Baars, M., de Bolster, M., Kamp, E., Kelder, J., Land, R., Peeters, F., and van Zundert, J. (2004, October 27) Med: 0410.22 Forse Bezuinigingen op de BNTL, *Neder–L*. Available at <http://www.neder-l.nl/bulletin/2004/10/041022.html> (accessed 24 April 2009).
- Babeu, A., Bamman, D., Cerrato, L., Crane, G., Friedlander, A. et al. (Eds) (2009) *Working Together or Apart: Promoting the Next Generation of Digital Scholarship* (Washington, DC: Council on Library and Information Resources). Available at <http://www.clir.org/pubs/reports/pub145/pub145.pdf>.
- Barben, D., Fisher, E., Selin, C., and Guston, D.H. (2008) Anticipatory Governance of Nanotechnology: Foresight, Engagement, and Integration, in: E. J. Hackett, O. Amsterdamska, M. Lynch and J. Wajcman (Eds) *The Handbook of Science and Technology Studies*, 3rd ed., pp. 979-1000 (Cambridge, MA: The MIT Press).
- Barjak, F., Eccles, K., Meyer, E.T., Robinson, S., and Schroeder, R. (2013) The Emerging Governance of E-Infrastructure, *Journal of Computer-Mediated Communication* 18(2), pp. 1–24.
- Barjak, F., Lane, J., Poschen, M., Procter, R., and Robinson, S. (2009) Case

- Studies of e-Infrastructure Adoption, *Social Science Computer Review* 27(4), pp. 583–600.
- Barker, K. (2007) The UK Research Assessment Exercise: The Evolution of a National Research Evaluation System, *Research Evaluation* 16(1), pp. 3–12.
- Bartelse, J. Oost, H., and Sonneveld, H. (2007) Doctoral Education in the Netherlands, in: S. Powel and H. Green (Eds) *The Doctorate Worldwide*, pp. 64-76 (Maidenhead, Berkshire: Open University Press).
- Barthes, R. (1978) *Image Music Text*, transl. S. Heath (London: Fontana Press).
- Bates, D. (2006) *Peer Review and Evaluation of Digital Resources for the Arts and Humanities* (Swindon: AHRC). Available at [http://www.history.ac.uk/sites/history.ac.uk/files/Peer\\_review\\_report2006.pdf](http://www.history.ac.uk/sites/history.ac.uk/files/Peer_review_report2006.pdf) (accessed 7 July 2014).
- Beaulieu, A. (2001) Voxels in the brain: Neuroscience, informatics and changing notions of objectivity, *Social Studies of Science* 31(5), pp. 635–680.
- 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.
- Beaulieu, A. (2010) From Co-location to Co-presence: Shifts in the Use of Ethnography for the Study of Knowledge, *Social Studies of Science* 40(3), pp. 453-470.
- Beaulieu, A., Scharnhorst, A., and Wouters, P. (2007) Not another case study: A middle-range interrogation of ethnographic case studies in the exploration of e-science, *Science Technology & Human Values* 32(6), pp. 672–692.
- Beaulieu, A., and Simakova, E. (2006) Textured connectivity: An ethnographic approach to understanding the timescape of hyperlinks, *Cybermetrics* 10(1), Available at <http://www.cindoc.csic.es/cybermetrics/vollOissl.html> (accessed 29 November 2014).
- Beaulieu, A., and Wouters, P. (2009) e-Research as Intervention, in: N. W. Jankowski (Ed) *eResearch. Transformation in Scholarly Practice*, pp. 54–69 (London: Routledge).

- Becher, T., and Trowler, P.R. (2001) *Academic Tribes and Territories: Intellectual Inquiry and the Culture of Disciplines*, 2nd ed. (Buckingham: Open University Press).
- Berman, F., Lavoie, B., Ayris, P., Choudhury, G.S., Cohen, E. et al. (2010) *Sustainable Economics for a Digital Planet: Ensuring Long-Term Access to Digital Information* (La Jolla, CA: Blue Ribbon Task Force on Sustainable Digital Preservation and Access). Available at <http://brtf.sdsc.edu/publications.html> (accessed 5 May 2010).
- Biagioli, M. (2002) From book censorship to academic peer review, *Emergences* 21(1), pp. 11–45.
- Bijker, W.E., and Pinch, T.J. (1984) The Social Construction of Facts and Artefacts : or How the Sociology of Science and the Sociology of Technology might Benefit Each Other, *Social Studies of Science* 14(3), pp. 399–441.
- Bijker, W.E., Hughes, T.P., and Pinch, T.J. (Eds) (1987) *The Social Construction of Technological Systems* (Cambridge, MA: The MIT Press).
- Blackwell, C., and Martin, T.R. (2009) Technology, collaboration, and undergraduate research. *Digital Humanities Quarterly* 3(1). Available at: <http://www.digitalhumanities.org/dhq/vol/003/1/000024/000024.html>.
- Bloor, D. (1976) *Knowledge and Social Imagery* (London: Routledge and Kegan Paul).
- BMBF (2013) *Forschungsinfrastrukturen für die Geistes- und Sozialwissenschaften* (Bonn: BMBF). Available at [http://www.bmbf.de/pub/forschungsinfrastrukturen\\_geistes\\_und\\_sozialwissenschaften.pdf](http://www.bmbf.de/pub/forschungsinfrastrukturen_geistes_und_sozialwissenschaften.pdf) (accessed 1 December 2014).
- Boast, R. (2009) Project Bamboo: Opportunities lost, *Rescite. The blog of noise, interference and diversity*. Available at <http://rescite.blogspot.co.at/2009/03/project-bamboo-opportunities-lost.html> (accessed 7 July 2014).
- Bod, R. (2014) *A New History of the Humanities: The Search for Principles and Patterns From Antiquity to the Present* (Oxford: Oxford University Press).
- Boonstra, O., Breure, L., and Doorn, P. (2006) *Past, present and future of historical information science* (Amsterdam: Data Archiving and Networked Services). Available at <http://www.oopen.org/download?type=document&docid=353255>

(accessed 7 July 2014).

- Borgman, C.L. (2007) *Scholarship in the Digital Age: Information, Infrastructure, and the Internet* (Cambridge, MA: The MIT Press).
- Borgman, C.L. (2009) The Digital Future is Now: A Call to Action for the Humanities. *Digital Humanities Quarterly* 3(4). Available at: [www.digitalhumanities.org/dhq/vol/3/4/000077/000077.html](http://www.digitalhumanities.org/dhq/vol/3/4/000077/000077.html).
- Borup, M., Brown, N., Konrad, K., and van Lente, H. (2006) The Sociology of Expectations in Science and Technology, *Technology Analysis & Strategic Management* 18(3/4), pp. 285–298.
- Bos, N., Zimmerman, A., Olson, J., Yew, J., Yerkier, J., Dahl, E., and Olson, G. (2007) From Shared Databases to Communities of Practice: A Taxonomy of Collaboratories, *Journal of Computer-Mediated Communication* 12(2), pp. 318–338.
- Bourdieu, P. (1988) *Homo Academicus*, transl. P. Collier (Cambridge, MA: Polity Press).
- Bowker, G.C. (2000) Biodiversity Datadiversity, *Social Studies of Science* 30(5), pp. 643–684.
- Bowker, G.C., Baker, K., Millerand, F., and Ribes, D. (2010) Toward Information Infrastructure Studies: Ways of Knowing in a Networked Environment, in: J. Hunsinger, L. Klastrup and M. Allen (Eds) *International Handbook of Internet Research*, pp. 97–117 (Dordrecht: Springer Netherlands).
- Bowker, G.C., and Star, S.L. (2000) *Sorting Things Out: Classification and Its Consequences*, (Cambridge, MA: The MIT Press).
- Breschi, S., and Cusmano, L. (2004) Unveiling the Texture of a European Research Area: Emergence of Oligarchic Networks Under EU Framework Programmes, *International Journal of Technology Management* 27(8), pp. 747–772.
- Broughton, J., and Jackson, G.A. (2008) *Bamboo Planning Project. A Proposal to the Andrew W. Mellon Foundation*. Available at [http://www.quinndombrowski.com/sites/default/files/blog/bamboo\\_planning\\_project\\_proposal.pdf](http://www.quinndombrowski.com/sites/default/files/blog/bamboo_planning_project_proposal.pdf) (accessed 15 July 2014).
- Brown, N., Rappert, B., and Webster, A. (Eds) (2000) *Contested Futures: A Sociology of Prospective Techno-Science* (Aldershot: Ashgate).

- Bulger, M., Meyer, E.T., de la Flor, G., Terras, M., Wyatt, S., Jirotko, M., Eccles, K., and Madsen, C. (2011) *Reinventing research? Information Practices in the Humanities* (London: Research Information Network). Available at <http://www.rin.ac.uk/our-work/using-and-accessing-information-resources/information-use-case-studies-humanities> (accessed 1 December 2014).
- Busa, R. (1980) The Annals of Humanities Computing: The Index Thomisticus, *Computers and the Humanities* 14(3), pp. 83–90.
- Callon, M. (1986) The Sociology of an Actor-Network: The Case of the Electric Vehicle, in: M. Callon, J. Law and A. Rip (Eds) *Mapping the Dynamics of Science and Technology*, pp. 19–34 (London: MacMillan).
- Campbell, P. (2006) Nature Peer Review Trial and Debate, *Nature*. Available at <http://www.nature.com/nature/peerreview/> (accessed 30 October 2013).
- Causser, T., Tonra, J., and Wallace, V. (2012) Transcription Maximized; Expense Minimized? Crowdsourcing and Editing the Collected Works of Jeremy Bentham, *Literary and Linguistic Computing* 27(2), pp. 119-137.
- Charmaz, K. (2006) *Constructing Grounded Theory: A Practical Guide Through Qualitative Analysis* (Thousand Oaks, CA: Sage).
- Chartier, R. (1995) Lecteurs dans la longue durée: du codex à l'écran, in: R. Chartier (Ed) *Histoire de la lecture: un bilan des recherches, actes du colloque des 29 et 30 janvier 1993, Paris*, pp. 271–283 (Paris: IMEC).
- Chun, W.H. (2013) *The Dark Side of the Digital Humanities—Part 3*, paper presented at MLA2013, Boston, MA, January. Available at <http://www.c21uwm.com/2013/01/09/the-dark-side-of-the-digital-humanities-part-1/> (accessed 29 October 2013).
- Ciborra, C., and Hanseth, O. (2000) *From Control to Drift. The Dynamics of Corporate Information Infrastructures* (Oxford: Oxford University Press).
- CLARIN (n.d) *Executive Summary*. Available at <http://www.clarin.eu/executive-summary> (accessed 27 July 2014).
- Clement, T., and Reside, D. (2011) *Off the Tracks: Laying New Lines for Digital Humanities Scholars* (media commons press). Available at <http://mcpres.media-commons.org/offthetracks> (accessed 14 July 2014).
- Cohen, D. (2007, April 19) Digital Humanities Summit Wrap-up, *Blog post*. Available at <http://www.dancohen.org/2007/04/19/digital-humanities->



- summit-wrap-up (accessed 14 July 2014).
- Cohen, P. (2010, November 16) Humanities 2.0. Digital Keys for Unlocking the Humanities' Riches, *New York Times*. Available at [http://www.nytimes.com/2010/11/17/arts/17digital.html?pagewanted=all&\\_r=0](http://www.nytimes.com/2010/11/17/arts/17digital.html?pagewanted=all&_r=0) (accessed 29 October 2013).
- Collins, E., Bulger, M.E., Meyer, E.T. (2012) Discipline Matters: Technology Use in the Humanities, *Arts & Humanities in Higher Education* 11(1-2), pp. 76-92.
- Collins, H.M. (1985) *Changing Order. Replication and Induction in Scientific Practice* (Chicago and London: University of Chicago Press).
- Collins H.M., Evans R., and Gorman M.E. (2010) Trading Zones and Interactional Expertise, in: M.E. Gorman (Ed) *Trading Zones and Interactional Expertise: Creating New Kinds of Collaboration*, pp. 7–23 (Cambridge, MA: The MIT Press).
- Collins, H.M., and Kusch, M. (1998) *The Shape of Actions. What Humans and Machines Can Do* (Cambridge, MA: The MIT Press).
- Contu, A., and Willmott, H. (2003) Re-Embedding Situatedness: The Importance of Power Relations in Learning Theory, *Organization Science* 14(3), pp. 283-296.
- COST (2009) *Memorandum of Understanding for the Implementation of a European Concerted Research Action Designated COST Action ISO901: Women Writers in History—Toward a New Understanding of European Literary Culture. Brussels, 11 June, COST 239/09*. Available at [http://www.cost.eu/domains\\_actions/isch/Actions/ISO901](http://www.cost.eu/domains_actions/isch/Actions/ISO901) (accessed 1 December 2014).
- Dahl, R.A. (1958) A Critique of the Ruling Elite Model, *American Political Science Review* 52(2), pp. 463–469.
- DARIAH (n.d) *Welcome*. Available at [http://www.dariah.eu/index.php?option=com\\_content&view=frontpage&Itemid=113](http://www.dariah.eu/index.php?option=com_content&view=frontpage&Itemid=113) (accessed 27 July 2014).
- Davenport, E. (2001) Knowledge Management Issues for Online Organisations: 'Communities of Practice' as an Exploratory Framework, *Journal of Documentation* 57(1), pp. 61–75.
- David, P. (2005) Towards a Cyberinfrastructure for Enhanced Scientific Collaboration: Providing its 'Soft' Foundations May Be the Hardest

- Part, *Oxford Internet Institute Research Report No. 2*, University of Oxford. Available at <http://www.oii.ox.ac.uk/research/publications/RR4.pdf>
- de la Flor, G., Jirotko, M., Luff, P., Pybus, J., and Kirkham, R. (2010) Transforming Scholarly Practice: Embedding Technological Interventions to Support the Collaborative Analysis of Ancient Texts, *Computer Supported Cooperative Work* 19(3/4), pp. 309-334.
- DH Summit 2007 (2007) *Minutes*. Available at <https://apps.lis.illinois.edu/wiki/pages/viewpage.action?pageId=22021> (accessed 14 July 2014).
- Dojcinovic-Nesic, B. (2006) *GendeRings: Gendered readings in Serbian women's writing* (Beograd: Asocijacija za zhenku inicijativu).
- Dombrowski, Q. (2014) What Ever Happened to Project Bamboo?, *Literary and Linguistic Computing* 29(3), pp. 326-339.
- Doorenbosch, P. (1993, October 26) Med: 9311.02: Informatie over BNTL Online Retrieval System, *Neder-L*. Available at <https://listserv.surfnet.nl/scripts/wa.exe?A2=ind9311&L=neder-l&P=56> (accessed 12 November 2008).
- Drucker, J. (2009) *SpecLab. Digital Aesthetics and Projects in Speculative Computing* (Chicago and London: University of Chicago Press).
- Drucker, J. (2011) Humanities Approaches to Graphical Display, *Digital Humanities Quarterly* 5(1). Available at <http://www.digitalhumanities.org/dhq/vol/5/1/000091/000091.html> (accessed 29 October 2013).
- Duguid, P. (2007) Inheritance and Loss? A Brief Survey of Google Books, *First Monday* 12(8-6). Available at <http://firstmonday.org/article/view/1972/184>
- Dutton, W.H., and Jeffreys, P.W. (Eds) (2010) *World Wide Research. Reshaping the Sciences and Humanities* (Cambridge, MA: The MIT Press).
- Edler, J., Kuhlmann, S., and Behrens, M. (Eds) (2003) *Changing Governance of Research and Technology Policy: The European Research Area* (Cheltenham: Edward Elgar).
- Edwards, P. N. (2010) *A Vast Machine. Computer Models, Climate Data, and the Politics of Global Warming* (Cambridge, MA: The MIT Press).
- Edwards, P.N., Bowker, G.C., Jackson, S., and Williams, R. (2009)

Introduction: An Agenda for Infrastructure Studies, *Journal of the Association for Information Systems* 10(5), pp. 364–374.

- Edwards, P. N., Jackson, S. J., Bowker, G. C., and Knobel, C. P. (2007) *Understanding Infrastructure: Dynamics, Tensions, and Design*, NSF Report of a Workshop on “History & Theory of Infrastructure: Lessons for New Scientific Cyberinfrastructures”. Available at <http://hdl.handle.net/2027.42/49353> (accessed 14 July 2014).
- Edwards, P. N., Jackson, S. J., Chalmers, M. K., Bowker, G. C., Borgman, C. L., Ribes, D., Burton, M., and Calvert, S. (2013) *Knowledge Infrastructures: Intellectual Frameworks and Research Challenges* (Ann Arbor: Deep Blue). Available at <http://hdl.handle.net/2027.42/97552> (accessed 11 November 2014).
- Edwards, P.N., Mayernik, M.S., Batcheller, A., Bowker, G.C., and Borgman, C.L. (2011) Science Friction: Data, Metadata, and Collaboration, *Social Studies of Science* 41(5), pp. 667–690.
- Eisenstein, E.L. (1979) *The Printing Press as an Agent of Change: Communications and Cultural Transformations in Early Modern Europe*, 2 vols. (Cambridge, UK: Cambridge University Press).
- ESF (2011) Research infrastructures in the digital humanities, *Science Policy Briefing*, 42. Available at <http://www.esf.org/publications/science-policy-briefings.html> (accessed 1 December 2014).
- ESFRI (2006a) *European Roadmap for Research Infrastructures* (Luxembourg: Office for Official Publications of the European Communities). Available at [http://ec.europa.eu/research/infrastructures/pdf/esfri/esfri\\_roadmap/roadmap\\_2006/esfri\\_roadmap\\_2006\\_en.pdf](http://ec.europa.eu/research/infrastructures/pdf/esfri/esfri_roadmap/roadmap_2006/esfri_roadmap_2006_en.pdf) (accessed 14 July 2014).
- ESFRI (2006b) *Report of the Social Sciences and Humanities Roadmap Working Group*. Available at [http://ec.europa.eu/research/infrastructures/pdf/esfri/esfri\\_roadmap/roadmap\\_2006/ssh-rwg-roadmap-report-2006\\_en.pdf](http://ec.europa.eu/research/infrastructures/pdf/esfri/esfri_roadmap/roadmap_2006/ssh-rwg-roadmap-report-2006_en.pdf) (accessed 14 July 2014).
- ESFRI (2008) *Social Sciences and Humanities Roadmap Working Group Report*. Available at [http://ec.europa.eu/research/infrastructures/pdf/esfri/esfri\\_roadmap/roadmap\\_2008/ssh\\_report\\_2008\\_en.pdf](http://ec.europa.eu/research/infrastructures/pdf/esfri/esfri_roadmap/roadmap_2008/ssh_report_2008_en.pdf) (accessed 26 March 2014).

- ESFRI (2011) *Evaluation Report*. Available at [http://ec.europa.eu/research/infrastructures/pdf/esfri\\_evaluation\\_report\\_2011.pdf](http://ec.europa.eu/research/infrastructures/pdf/esfri_evaluation_report_2011.pdf) (accessed 14 July 2014).
- Espeland, W. N., and Sauder, M. (2007). Rankings and Reactivity: How Public Measures Recreate Social Worlds, *American Journal of Sociology* 113(1), pp. 1–40.
- Etzkowitz, H., and Leydesdorff, L. (2000) The Dynamics of Innovation: From National Systems and “Mode 2” to a Triple Helix of University–Industry–Government Relations, *Research Policy* 29(2), pp. 109–123.
- European Commission (2000) *Towards a European Research Area*, COM/2000/0006 final. Available at <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52000DC0006> (accessed 14 July 2014).
- European Commission (2007) *The European Research Area: New Perspectives*, COM/2007/161 final. Available at [http://ec.europa.eu/research/era/pdf/era\\_gp\\_final\\_en.pdf](http://ec.europa.eu/research/era/pdf/era_gp_final_en.pdf) (accessed 14 July 2014).
- European Commission (2008) *Developing World-class Research Infrastructures for the European Research Area (ERA). Report of the ERA Expert Group* (Luxembourg: Office for Official Publications of the European Communities). Available at [http://ec.europa.eu/research/infrastructures/pdf/ri\\_era-expert-group-0308\\_en.pdf](http://ec.europa.eu/research/infrastructures/pdf/ri_era-expert-group-0308_en.pdf) (accessed 14 July 2014).
- European Commission (2013) *Assessing the Projects on the ESFRI Roadmap. A High Level Expert Group Report*. Available at <http://ec.europa.eu/research/infrastructures/pdf/jd-final-aegreport-23sept13.pdf> (accessed 14 July 2014).
- Favell, A., and Guiraudon, V. (2009) The Sociology of the European Union. An Agenda, *European Union Politics* 10(4), pp. 550-576.
- Fish, S. (2012, January 23) Mind your P’s and B’s: The Digital Humanities and Interpretation, *The New York Times*. Available at <http://opinionator.blogs.nytimes.com/2012/01/23/mind-your-ps-and-bsthe-digital-humanities-and-interpretation/> (accessed 29 October 2013).
- Fitzpatrick, K. (2009) *Planned Obsolescence: Publishing, Technology, and the Future of the Academy* (media commons press). Available at <http://mediacommons.futureofthebook.org/mcpress/plannedobsolescence>

- nce/ (accessed 27 January 2013).
- Fitzpatrick, K. (2011) *Planned Obsolescence: Publishing, Technology, and the Future of the Academy* (New York: NYU Press).
- Flanders, J. (2011) You Work at Brown. What Do You Teach? #alt-academy. Available at <http://mediacommons.futureofthebook.org/alt-ac/pieces/you-work-brown-what-do-you-teach> (accessed 5 May 2013).
- Foucault, M. (1979) What Is an Author?, in: J. V. Harari (Ed) *Textual Strategies: Perspectives in Post-Structuralist Criticism*, pp. 141–160 (Ithaca, NY: Cornell University Press).
- French, A. (2013) Re: 27.308 Historical Documents On Project Management, *Humanist Discussion Group* 27(313). Available at <http://lists.digitalhumanities.org/pipermail/humanist/2013-September/011241.html> (accessed 14 June 2014).
- Friedlander, A. (2009) Asking Questions and Building a Research Agenda for Digital Scholarship, in: *Working Together or Apart: Promoting the Next Generation of Digital Scholarship* (Washington, DC: Council on Library and Information Resources). Available at <http://www.clir.org/pubs/reports/pub145/pub145.pdf>.
- Fry, J., and Talja, S. (2007) The Intellectual and Social Organization of Academic Fields and the Shaping of Digital Resources, *Journal of Information Science* 33(2), pp. 115–133.
- Fry, J., and Schroeder, R. (2010) The Changing Disciplinary Landscapes of Research, in: W. H. Dutton and P. W. Jeffreys (Eds), *World Wide Research. Reshaping the Sciences and Humanities*, pp. 257–271 (Cambridge, MA: The MIT Press).
- Fuchs, S. (1993) A Sociological Theory of Scientific Change, *Social Forces* 71(4), pp. 933–953.
- Fujimura, J.H. (1987) Constructing “Do-able” Problems in Cancer Research: Articulating Alignment, *Social Studies of Science* 17(2), pp. 257–293.
- Fujimura, J.H. (1992) Crafting Science: Standardized Packages, Boundary Objects, and ‘Translations’, in: A. Pickering (Ed) *Science as practice and culture*, pp. 168–214 (Chicago and London: University of Chicago Press).
- Galison, P. (1997) *Image and Logic: A Material Culture of Microphysics* (Chicago and London: University of Chicago Press).

- Georgakakis, D., and Weisbein, J. (2010) From Above and From Below: A Political Sociology of European Actors, *Comparative European Politics* 8(1), pp. 93–109.
- Gold, M.K. (Ed.) (2012) *Debates in the Digital Humanities* (Minneapolis: University of Minnesota Press).
- Greenstein, D. (1998, December) The Arts and Humanities Data Service Three Years' On, *D-Lib Magazine*.  
<http://www.dlib.org/dlib/december98/greenstein/12greenstein.html>.  
 (accessed 14 July 2014).
- Grusin, R. (2013) *The Dark Side of the Digital Humanities — Part 2*, paper presented at MLA2013, Boston, MA, January. Available at <http://www.c21uwm.com/2013/01/09/dark-side-of-the-digital-humanities-part-2/> (accessed 29 October 2013).
- Guzzetti, L. (2009) The 'European Research Area' Idea in the History of the Community Policy-Making, in: H. Delanghe, U. Muldur and L. Soete (Eds) *European Science and Technology Policy. Towards Integration or Fragmentation?*, pp. 64-77 (Cheltenham: Edward Elgar).
- Hajer, M. (1993) Discourse Coalitions and the Institutionalisation of Practice: The Case of Acid Rain in Great Britain, in: F. Fischer and J. Forester (Eds) *The Argumentative Turn in Policy Analysis and Planning*, pp. 43-67 (London: Durham).
- Hajer, M. (2003) *Deliberative Policy Analysis: Understanding Governance in the Network Society* (Cambridge: Cambridge University Press).
- Hansen, M. (2012) Shi jian: Time, *Vectors* 3(2). Available at <http://vectors.usc.edu/projects/index.php?project=91&thread=ProjectCredits> (accessed 29 October 2013).
- Haraway, D. (1989) *Primate Visions: Gender, Race, and Nature in the World of Modern Science* (Routledge: New York and London).
- Hepsø, V., Monteiro, E., and Rolland, K. H. (2009) Ecologies of e-Infrastructures, *Journal of the Association for Information Systems* 10(5), pp. 430-446.
- Hessels, L. and van Lente, H. (2008) Re-thinking New Knowledge Production: a Literature Review and a Research Agenda, *Research Policy* 37(4), pp 740–760.
- Hey, T., and Trefethen, A.E. (2002) The UK e-Science Core Programme and

- the Grid, *Future Generation Computer Systems* 18(8), pp. 1017–1031.
- Hey, T., and Trefethen, A.E. (2005) Cyberinfrastructure for e-Science, *Science* 308(5723), pp. 817–821.
- Hey, T., Tansley, S., and Tolle, K. (Eds) (2009) *The Fourth Paradigm: Data-Intensive Scientific Discovery* (Redmond, WA: Microsoft Research). Available at <http://research.microsoft.com/en-us/collaboration/fourthparadigm/> (accessed 27 January 2014).
- Hicks, J. 2013) *Old Questions, New Techniques: A Research Note on Identifying Political Elites Computationally*. Unpublished draft.
- Hilgartner, S. (1995) Biomolecular Databases: New Communication Regimes for Biology, *Science Communication* 17(2), pp. 240–263.
- Hine, C. (2006) Databases as Scientific Instruments and their Role in the Ordering of Scientific Work, *Social Studies of Science* 36(2), pp. 269–298.
- Hine, C. (2007) Multi-Sited Ethnography as a Middle Range Methodology for Contemporary STS, *Science, Technology & Human Values* 32(6), pp. 652-671.
- Hine, C. (2008) *Systematics as Cyberscience: Computers, Change and Continuity in Science*. (Cambridge, MA: The MIT Press).
- Hockey, S. (2004) The History of Humanities Computing, in: S. Schreibman, R. Siemens and J. Unsworth (Eds) *A Companion to Digital Humanities* (Oxford: Blackwell).  
<http://www.digitalhumanities.org/companion/view?docId=blackwell/9781405103213/9781405103213.xml&chunk.id=ss1-2-1&toc.depth=1&toc.id=ss1-2-1&brand=default> (accessed 27 January 2014).
- Hughes, T.P. (1983) *Networks of Power: Electrification in Western Society, 1880-1930* (Baltimore: Johns Hopkins University Press).
- Hutchins, J. (1999) Retrospect and Prospect in Computer-Based Translation, *Proceedings of Machine Translation Summit VII "MT in the Great Translation Era", 13th-17th September 1999, Kent Ridge Labs, Singapore*, pp. 30-44 (Tokyo: AAMT). Available at <http://www.hutchinsweb.me.uk/MTS-1999.pdf> (accessed 5 December 2014).
- Huygens Instituut KNAW (n.d.) *Bibliografie van de Nederlandse Taal- en Literatuurwetenschap*. Available at <http://www.bntl.nl/bntl/#> (accessed 1

- May 2009).
- Huygens Instituut KNAW (2006) *Vierde nieuwsbrief BTNL – November 2006*. Available at [http://www.huygensinstituut.knaw.nl/index.php?option=com\\_content&task=view&id=229&Itemid=129&lang=du](http://www.huygensinstituut.knaw.nl/index.php?option=com_content&task=view&id=229&Itemid=129&lang=du) (accessed 26 April 2009).
- Huygens Instituut KNAW (2004a) *Newsletter 5 October*. Available at [http://www.huygensinstituut.knaw.nl/index.php?option=com\\_content&task=view&id=46&Itemid=39&lang=nl](http://www.huygensinstituut.knaw.nl/index.php?option=com_content&task=view&id=46&Itemid=39&lang=nl) (accessed 25 April 2009).
- Huygens Instituut KNAW (2004b) *Ontwikkelingsplan digitale bronnen en methoden*. Available at [http://www.knaw.nl/nieuws/pers\\_pdf/CHI-Neerlandistiek.pdf](http://www.knaw.nl/nieuws/pers_pdf/CHI-Neerlandistiek.pdf) (accessed 25 April 2009).
- Jankowski, N.W. (2007) Exploring e-Science: An Introduction. *Journal of Computer-Mediated Communication* 12(2), pp. 542–569.
- Jankowski, N.W. (Ed) (2009) *E-Research: Transformation in Scholarly Practice* (London: Routledge).
- Jasanoff, S. (Ed) (2004) *States of Knowledge: The Co-Production of Science and the Social Order* (London: Routledge).
- Jeffrey, P. (2003) Smoothing the Waters: Observations on the Process of Cross-Disciplinary Research Collaboration, *Social Studies of Science* 33(4), pp. 539–562.
- Jensen, C.B. (2007) Infrastructural Fractals: Revisiting the Micro – Macro Distinction in Social Theory, *Environment and Planning D: Society and Space* 25(5), pp. 832-850.
- Jensen, C.B., and Winthereik, B.R. (2013) *Monitoring Movements in Development Aid: Recursive Partnerships and Infrastructures* (Cambridge, MA: The MIT Press).
- Joerges, B., and Shinn, T. (2001) *Instrumentation: Between Science, State, and Industry* (Dordrecht: Kluwer).
- Johns, A. (1998) *The Nature of the Book: Print and Knowledge in the Making* (Chicago and London: University of Chicago Press).
- Johns, A. (2002) How to Acknowledge a Revolution, *The American Historical Review* 107(1), pp. 106–125
- Johns, A. (2009) *Piracy: The Intellectual Property Wars From Gutenberg to Gates* (Chicago and London: University of Chicago Press).



- Kaltenbrunner, W. (2014) Decomposition as Practice and Process: Creating Boundary Objects in Computational Humanities, *Interdisciplinary Science Reviews* 39(2), pp. 143-161.
- Kaltenbrunner, W. (2014) Infrastructural Inversion as a Generative Resource in Digital Scholarship, *Science as Culture* 24(1), pp. 1-23.
- Kaltenbrunner, W. (2014) Scholarly Labour and Digital Collaboration in Literary Studies, *Social Epistemology* 29(2), pp. 207-233.
- Kaltenbrunner, W., and Wouters, P. (2010) E-research and methodological innovation in Dutch literary studies, *First Monday* 15(9). Available at <http://firstmonday.org/ojs/index.php/fm/article/view/3078/2602>.
- Kamler, B. (2008) Rethinking Doctoral Publication Practices: Writing From and Beyond the Thesis, *Studies in Higher Education* 33(3), pp. 283-294.
- Kirschenbaum, M.G. (2010) What Is Digital Humanities and What's It Doing in English Departments?, *ADE Bulletin* 150, pp. 55-61.
- Kirschenbaum, M.G. (2012) Digital Humanities As/Is a Tactical Term, in: M. K. Gold (Ed) *Debates in the Digital Humanities*, pp. 415-428 (Minneapolis: University of Minnesota Press).
- KNAW/NWO (2004) *Intentieverklaring inzake de Nederlandse data-infrastructuur in de Maatschappij- en Gedragwetenschappen en de Geesteswetenschappen* (Amsterdam: Data Archiving and Networked Services). Available at [http://www.knaw.nl/nieuws/pers\\_pdf/DANS\\_intentieverklaring.pdf](http://www.knaw.nl/nieuws/pers_pdf/DANS_intentieverklaring.pdf) (accessed 30 March 2010).
- Knorr Cetina, K. (1981) *The Manufacture of Knowledge — An Essay on the Constructivist and contextual Nature of Science* (Oxford: Pergamon Press).
- Knorr Cetina, K. (1999) *Epistemic Cultures: How the Sciences Make Knowledge* (Cambridge, MA: Harvard University Press).
- Koh, A. (2013) The Journal of Digital Humanities: Post-Publication Review or the Worst of Peer Review? *Blogpost*. Available at <http://www.adelinekoh.org/blog/2013/08/29/journalofdigitalhumanitie/> (accessed 30 October 2013).
- Kok, J., and Wouters, P. (2013) Virtual Knowledge in Family History: Visionary Technologies, Research Dreams, and Research Agendas, in: S. Wyatt, A. Scharnhorst, A. Beaulieu and P. Wouters (Eds) *Virtual Knowledge*, pp. 219-250 (Cambridge, MA: The MIT Press).

- Larkin, B. (2013) The Politics and Poetics of Infrastructure, *Annual Review of Anthropology* 42, pp. 327–43.
- Latour, B. (1987) *Science in Action: How to Follow Scientists and Engineers through Society* (Cambridge, MA: Harvard University Press).
- Latour, B. (1993) *We Have Never Been Modern*, trans. C. Porter (Cambridge, MA: Harvard University Press).
- Latour, B., and Woolgar, S. (1979) *Laboratory Life: The Social Construction of Scientific Facts* (Thousand Oaks, CA: Sage).
- Law, J. (2004) *After Method: Mess in Social Science Research* (London: Routledge).
- Leiden University (2008) *Leiden University PhD Regulations*. Available at <http://media.leidenuniv.nl/legacy/PhD%20Regulations%202008.pdf> (accessed 1 December 2014).
- Lemaine, G., Macleod, R., Mulkey, M., and Weingart, P. (Eds) (1976) *Perspectives on the Emergence of Scientific Disciplines* (Chicago: Aldine).
- Lenoir, T. (1998) Shaping Biomedicine as an Information Science, in: M. E. Bowden, T. B. Hahn and R. V. Williams (Eds) *Proceedings of the 1998 Conference on the History and Heritage of Science Information Systems*, pp. 27–45 (Medford, N.J.). Available at <http://www.stanford.edu/dept/HPS/TimLenoir/shapingbiomedicine.html> (accessed 30 March 2010).
- Lev, D.S. (1966) *The Transition to Guided Democracy: Indonesian Politics, 1957–1959* (Ithaca, NY: Cornell).
- Liu, A. (2005) The Humanities: A Technical Profession, in: M. Hanrahan and D. Madsen (Eds) *Teaching, Technology, Textuality: Approaches to New Media*, pp. 11–26 (Basingstoke: Palgrave Macmillan).
- Lossau, N., and Peters, D. (2008) DRIVER: Building a Sustainable Infrastructure of European Scientific Repositories, *LIBER Quarterly* 18(3/4), pp. 437–448.
- Lyall, C., Bruce, A., Tait, J., and Meagher, L. (2011) *Interdisciplinary Research Journeys: Practical Strategies for Capturing Creativity* (London: Bloomsbury).
- Lynch, C.A. (2002) Digital collections, digital libraries and the digitization of cultural heritage information, *First Monday* 7(5). Available at

- <http://firstmonday.org/ojs/index.php/fm/article/view/949/870>.
- Lynch, M. (2014) Ontography: Investigating the production of things, deflating ontology, *Social Studies of Science* 43(3), pp. 444-462.
- Marcus, G.E. (1995) Ethnography in/of the world system: The emergence of multi-sited ethnography, *Annual Review of Anthropology* 24, pp. 95-117.
- Martin, B., and Whitley, R. (2010) The UK Research Assessment Exercise, in: R. Whitley, J. Gläser and L. Engwall (Eds) *Reconfiguring Knowledge Production: Changing Authority Relationships in the Sciences and Their Consequences for Intellectual Innovation* (Oxford: Oxford University Press).
- Mayernik, M. S., Wallis, J., and Borgman, C. L. (2013) Unearthing the Infrastructure, Humans and Sensors in Field-Based Scientific Research, *Computer Supported Cooperative Work* 22(1), pp. 65–101.
- McCarty, W., and Short, H. (2002) *Mapping the Field. Report of ALLC Meeting Held in Pisa, April 2002*. Available at <http://www.allc.org/content/pubs/map.html> (accessed 30 May 2013).
- Meijer, I., Molas-Gallart, J., and Mattsson, P. (2012) Networked Research Infrastructures and their Governance: The Case of Biobanking, *Science and Public Policy* 39(4), pp. 491–499.
- Michel, J.-B., Yuan, K. S., Aviva P. A., Veres, A., Gray, M. K. et al. (2011) Quantitative Analysis of Culture Using Millions of Digitized Books, *Science* 331(6014), pp. 176–182.
- Mills, W.C. (1956) *The Power Elite* (Oxford: Oxford Press).
- Mirowski, P., and Sent, E.-M. (2008) The Commercialization of Science and the Response of STS, in: E. J. Hackett, O. Amsterdamska, M. Lynch and J. Wajcman (Eds) *The Handbook of Science and Technology Studies*, 3rd ed., pp. 635-689 (Cambridge, MA: The MIT Press).
- Modern Language Association (2012) *Guidelines for Evaluating Work in Digital Humanities and Digital Media*. Available From [http://www.mla.org/guidelines\\_evaluation\\_digital](http://www.mla.org/guidelines_evaluation_digital) (accessed 1 December 2014).
- Mol, A. (2002) *The Body Multiple: Ontology in Medical Practice* (Durham, NC: Duke University Press).
- Moretti, F. (2005) *Graphs, Maps, Trees: Abstract Models for a Literary History*

(Brooklyn: Verso).

- Nelkin, D. (1995) Science Controversies: The Dynamics of Public Disputes in the United States, in: S. Jasanoff, G. Markle, J. Petersen and T. Pinch (Eds) *Handbook of Science and Technology Studies*, rev. ed., pp. 444-457 (Thousand Oaks, CA: Sage).
- Nentwich, M. (2003) *Cyberscience: Research in the Age of the Internet* (Vienna: Austrian Academy of Sciences Press).
- Nowotny, H., Scott, P., and Gibbons, M. (2001) *Rethinking Science: Knowledge in an Age of Uncertainty* (Cambridge: Polity).
- NSF (2013) *FY 2014 Budget Request to Congress*. Available at [http://www.nsf.gov/about/budget/fy2014/pdf/EntireDocument\\_fy2014.pdf](http://www.nsf.gov/about/budget/fy2014/pdf/EntireDocument_fy2014.pdf)(accessed 14 July 2014).
- Nyhan, J. (Ed) (2012) Hidden Histories: Computing and the Humanities c. 1965–1985, *Digital Humanities Quarterly* 6(3). Available at <http://www.digitalhumanities.org/dhq/vol/6/3/index.html> (accessed 14 July 2014).
- Olson, G.M., Zimmerman, A., and Bos, N. (Eds) (2008) *Scientific Collaboration On the Internet* (Cambridge, MA: The MIT Press).
- Oostindie, G., de Jong, F., Schwegman, M., and de Rijke, M. (2011) *Elite Network Shifts During Regime Change; a Computational Approach to Network Analysis Using Indonesian Language Electronic Newspaper Archives*, unpublished research proposal.
- Oudshoorn, N.E., and Pinch, T.J. (Eds) (2003) *How Users Matter. The Co-Construction of Users and Technology* (Cambridge, MA: The MIT Press).
- Pannapacker, W. (2011, January 8) Digital Humanities Triumphant? *The Chronicle of Higher Education*. Available at <http://chronicle.com/blogs/brainstorm/pannapacker-at-mla-digital-humanities-triumphant/30915> (accessed 15 July, 2014).
- Pannapacker, W. (2013, January 5) On “The Dark Side of the Digital Humanities”, *The Chronicle of Higher Education*. Available at <http://chronicle.com/blogs/conversation/2013/01/05/on-the-dark-side-of-the-digital-humanities/> (accessed 5 May 2013).
- Park, C. (2005) New Variant PhD: The Changing Nature of the Doctorate in the UK, *Journal of Higher Education Policy and Management* 27(2), pp. 189-207.

- Pickering, A., and Stephanides, A. (1992) Constructing Quaternions: On the Analysis of Conceptual Practice, in: A. Pickering (Ed) *Science as Practice and Culture*, pp. 139–167 (Chicago and London: University of Chicago Press).
- Piersma, H., and Ribbens, K. (2013) Digital Historical Research Context, Concepts and the Need for Reflection, *BMGN. Low Countries Historical Review* 128(4), pp. 78-102
- Pipek, V., and Wulf, V. (2009) Infrastructuring: Towards an Integrated Perspective on the Design and Use of Information Technology, *Journal of the Association of Information Systems* 10(5), pp. 306-332.
- Pollock, N., and Williams, R. (2010) E-infrastructures: How Do We Know and Understand Them? Strategic Ethnography and the Biography of Artefacts, *Computer Supported Cooperative Work* 19(6), pp. 521-556.
- Powell, S., and Green, H. (Eds) (2007) *The Doctorate Worldwide* (Maidenhead, Berkshire: Open University Press).
- Progressive Library Guild Greater Toronto Area (2013, May 13) *Statement on Library and Archives Canada*. Available at <http://plgta.org/archives/201> (accessed 1 December 2014).
- Ramsay, S. (2011) *Reading Machines: Toward an Algorithmic Criticism* (Chicago: University of Illinois Press).
- Ramsay, S., and Rockwell, G. (2012) Developing Things: Notes Toward an Epistemology of Building in the Digital Humanities, in: M. K. Gold (Ed.) *Debates in the Digital Humanities*, pp. 75–84 (Minneapolis: University of Minnesota Press).
- Ramsay, S. (2013, July 27) *Bambazooka*, *Blog post*. Available at <http://stephenramsay.us/2013/07/23/bambazooka> (accessed 14 July 2014).
- Rheinberger, H.-J. (1997) *Toward a History of Epistemic Things: Synthesizing Proteins in the Test Tube* (Stanford: Stanford University Press).
- Ribes, D., and Finholt, T.A. (2009) The Long Now of Technology Infrastructure: Articulating Tensions in Development, *Journal for the Association of Information Systems* 10(5), pp. 375-398.
- Ribes, D., and Lee, C.P. (2010) Sociotechnical Studies of Cyberinfrastructure and e-Research: Current Themes and Future Trajectories, *Computer Supported Cooperative Work* 19(3-4), pp. 231–244.

- Rizzuto, C., and Wood, J. (2013) *RAMIRI Handbook*. Available at <http://www.ramiri-blog.eu> (accessed 1 December 2014).
- Robins, L., and Kanowski, P. (2008) PhD by Publication: A Student's Perspective, *Journal of Research Practice* 4(2), pp. 1-20. Available at <http://www.jrp.icaap.org/index.php/jrp/article/view/136/154>.
- Robinson, L.S. (1983) Treason our text: Feminist challenges to the literary canon, *Tulsa Studies in Women's Literature* 2(1). pp. 83–98.
- Romm, N.R. (1998) Interdisciplinary Practice as Reflexivity, *Systemic Practice and Action Research* 11(1), pp. 48–50.
- Rowe, K. (2009, October 2) *Comment on Planned Obsolescence: Publishing, Technology, and the Future of the Academy*. Available at <http://mediacommons.futureofthebook.org/mcpres/plannedobsolescence/one/> (accessed 5 March 2013).
- Santos, D., and Frankenberg-Garcia, A. (2007) The Corpus, Its Users and Their Needs: a User-Oriented Evaluation of COMPARA, *International Journal of Corpus Linguistics* 12(3), pp. 335–374.
- Scheinfeldt, T. (2008, March 13). Sunset for Ideology, Sunrise for Methodology? *Blogpost*. Available at <http://www.foundhistory.org/2008/03/13/sunset-for-ideology-sunrise-for-methodology/> (accessed 30 November 2014).
- Scheinfeldt, T. (2011) Toward a Third Way: Rethinking Academic Employment, *#alt-academy*. Available at <http://mediacommons.futureofthebook.org/alt-ac/pieces/toward-third-way-rethinking-academic-employment> (accessed 30 November 2014).
- Schmidt, K., and Bannon, L. (1992) Taking CSCW Seriously: Supporting Articulation Work, *Computer Supported Cooperative Work* 1(1), pp. 7–40.
- Schmidt, K., and Simone, C. (1996) Coordination Mechanisms: Towards a Conceptual Foundation of CSCW Systems Design, *Computer Supported Cooperative Work* 5(2–3), pp. 155–200.
- Schroeder, R. (2008) e-Sciences as Research Technologies: Reconfiguring Disciplines, Globalizing Knowledge, *Social Science Information* 47(2), pp. 131–157.
- Shapin, S. (1989) The Invisible Technician, *American Scientist* 77(6), pp. 554–563.

- Shapin, S. (1994) *A Social History of Truth: Civility and Science in Seventeenth Century* (Chicago and London: University of Chicago Press).
- Shapin, S., and Schaffer, S. (1985) *Leviathan and the Air-Pump: Hobbes, Boyle, and the Experimental Life* (Princeton, NJ: Princeton University Press).
- Shellman, S.M. (2008) Coding Disaggregated Intrastate Conflict: Machine Processing the Behavior of Substate Actors Over Time and Space, *Political Analysis* 16(4), pp. 464–477.
- Shinn, T., and Joerges, B. (2002) The Transverse Science and Technology Culture: Dynamics and Roles of Research–Technology, *Social Science Information* 41(2), pp. 207–251.
- Shrum, W., Genuth, J., and Chompalov, I. (2007) *Structures of Scientific Collaboration* (Cambridge, MA: The MIT Press).
- Smith, K. (2009) Q&A with Brett Bobley, Director of the NEH’s Office of Digital Humanities, *HASTAC*. Available at <http://www.hastac.org/blogs/kathleen/qa-brett-bobley-director-nehs-office-digital-humanities-odh> (accessed 14 July 2014).
- Sonneveld, H. (2010) Doctoral Education in the Netherlands, 2010 – A Brief History and a Silent Revolution, *EUA- Council for Doctoral Education - News*, 10(2-4). Available at [http://www.phdcentre.eu/nl/publicaties/documents/EUANewsIssue10\\_LYpublicatieHS.pdf](http://www.phdcentre.eu/nl/publicaties/documents/EUANewsIssue10_LYpublicatieHS.pdf)
- Star, S.L. (1999) The Ethnography of Infrastructure, *American Behavioral Scientist* 43(3), pp. 377–391.
- Star, S.L., and Griesemer, J.R. (1989) Institutional Ecology, ‘Translations’ and Boundary Objects: Amateurs and Professionals in Berkeley’s Museum of Vertebrate Zoology, 1907–39, *Social Studies of Science* 19(3), pp. 387–420.
- Star, S.L., and Ruhleder, K. (1996) Steps Toward an Ecology of Infrastructure: Design and Access for Large Information Spaces, *Information Systems Research* 7(1), pp. 111–134.
- Star, S.L., and Strauss, A. (1999) Layers of Silence, Arenas of Voice: The Ecology of Visible and Invisible work, *Computer Supported Cooperative Work* 8(1), pp. 9–30.
- Stichweh, R. (1984) *Zur Entstehung des modernen Systems wissenschaftlicher Disziplinen: Physik in Deutschland 1740-1890* (Frankfurt am Main:

- Suhrkamp).
- Strauss, A. (1985) Work and the Division of Labor, *The Sociological Quarterly* 26(1), pp. 1–19.
- Strauss, A. (1988) The Articulation of Project Work: An Organizational Process, *The Sociological Quarterly* 29(2), pp. 163–178.
- Strathern, M. (1991) *Partial Connections* (Lanham, MD: Rowman and Littlefield).
- Suchman, L. (1996) Supporting Articulation Work, in: R. Kling (Ed.) *Computerization and Controversy: Value Conflicts and Social Choices*, pp. 407–423 (San Diego, CA: Academic Press).
- Swadesh, M. (1952) Lexico-Statistic Dating of Prehistoric Ethnic Contacts: With Special Reference to North American Indians and Eskimos, *Proceedings of the American Philosophical Society* 96(4), pp. 452–463.
- Textgrid (2014) *Das Projekt*. Available at <http://www.textgrid.de/ueber-textgrid/projekt> (accessed 15 July, 2014).
- THATCampCHNM (2011) *Intro to Project Planning & Management*. Available at <https://docs.google.com/document/d/1uofGfhCDpu2DK1bKstkEqyK2hwbV4PN4SPmfPIWvk/edit> (accessed 29 October 2013).
- The Virtual Knowledge Studio. (2008) Messy Shapes of Knowledge, in: E.J. Hackett, O. Amsterdamska, M. Lynch and J. Wajcman (Eds) *The Handbook of Science and Technology Studies*, 3rd ed., pp. 319–351 (Cambridge, MA: The MIT Press).
- Tsing, A.L. (2005) *Friction: An Ethnography of Global Connection* (Princeton, N.J.: Princeton University Press).
- University of Amsterdam (2014) *Doctorate Regulations of the University of Amsterdam*. Available at <http://www.uva.nl/binaries/content/assets/uva/en/research/phd/doctorate-regulations-2014.pdf?2832598565441> (accessed 1 December 2014).
- Unsworth, J. (2000) *Scholarly Primitives: What Methods Do Humanities Researchers Have in Common, and How Might Our Tools Reflect This?* Symposium on Humanities Computing: Formal Methods, Experimental Practice. Available at <http://people.brandeis.edu/~unsworth/Kings.5-00/primitives.html> (accessed 27 January, 2014).



- Unsworth, J. (2007) *Digital Humanities Centers as Cyberinfrastructure*, Plenary Address, DH Summit 2007, Maryland Institute for Technology in the Humanities. Available at <http://people.brandeis.edu/~unsworth/dhcs.html> (accessed 14 July 2014).
- van Lente, H. (2000) Forceful Futures: From Promise to Requirement, in: N. Brown, B. Rappert and A. Webster (Eds) *Contested Futures. A Sociology of Prospective Techno-Science*, pp. 43–64 (London: Ashgate).
- Vann, K., and Bowker, G.C. (2001) Instrumentalizing the Truth of Practice. *Social Epistemology* 15(3), pp. 247–262.
- Vann, K., and Bowker, G.C. (2006) Interest in Production: On the Configuration of Technology Bearing Labours for Epistemic IT, in: C. Hine (Ed) *New Infrastructures for Knowledge Production*, pp. 71–98 (Hershey, PA: IDEA Group Publisher).
- Verkruijse, P. (2005, January 18) Med: 0501.28 Nogmaals BNTL — 1, *Neder-L*. Available at <http://www.neder-l.nl/bulletin/2005/01/050128.html> (accessed 12 February 2010).
- Verkruijse, P. (2004, December 1) Med: 0412.05 Redding BNTL, *Neder-L*. Available at <http://www.neder-l.nl/bulletin/2004/12/041205.html> (accessed 25 April 2009).
- Verran, H. (2001) *Science and African Logic* (Chicago and London: Chicago University Press).
- Vikkelsø, S. (2007) Description as Intervention: Engagement and Resistance in Actor-Network Analyses, *Science as Culture* 16(3), pp. 297–309.
- Vonortas, N.S. (2009) Scale and Scope in Research, in: H. Delanghe, U. Muldur and L. Soete (Eds) *European Science and Technology Policy. Towards Integration or Fragmentation?*, pp. 142–159 (Cheltenham: Edward Elgar).
- Voorbij, H. (1999) Onder neerlandici: Ervaringen met de BNTL, *Informatie professional*, 3(12), pp. 28–33.
- Voss, A., Mascord, A., Fraser, M., Jirotko, M., Proctor, R. et al. (2007) *e-Research Infrastructure Development and Community Engagement*, paper presented at the UK e-Science 2007 All Hands Meeting. Available at <http://www.allhands.org.uk/2007/proceedings/papers/866.pdf> (accessed 14 July 2014).

- Vrije Universiteit Amsterdam (n.d.) *Promoveren op artikelen*. Available at [http://www.rechten.vu.nl/nl/Images/Richtlijn%20Promoveren%20op%20artikelen\\_tcm22-334043.pdf](http://www.rechten.vu.nl/nl/Images/Richtlijn%20Promoveren%20op%20artikelen_tcm22-334043.pdf) (accessed 1 December, 2014).
- Warhol, R.R., and Herndl, D.P. (Eds) (1997) *Feminisms: An Anthology of Literary Theory and Criticism* (New Brunswick, NJ: Rutgers University Press).
- Waters, D.J. (2013) An Overview of Digital Humanities, *Research Library Issues* 284, pp. 3–11. Available at <http://publications.arl.org/rli284/> (accessed 6 June 2014).
- Whitley, R. (2000) *The Intellectual and Social Organization of the Sciences*, 2nd ed. (Oxford: Oxford University Press).
- Whitley, R. (2010) Reconfiguring the Public Sciences: The Impact of Governance Changes on Authority and Innovation in Public Science Systems, in: R. Whitley, J. Gläser and L. Engwall (Eds) *The Intellectual and Social Organization of the Sciences*, pp. 3-47 (Oxford: Oxford University Press).
- Whitley, R., Gläser, J., and Engwall, L. (Eds) (2010) *Reconfiguring Knowledge Production: Changing Authority Relationships in the Sciences and Their Consequences for Intellectual Innovation* (Oxford: Oxford University Press).
- Whittle, R. (2013) *Gender, Canon and Literary History. The Changing Place of Nineteenth-Century German Women Writers* (Berlin and Boston: De Gruyter).
- Whittle, A., and Spicer, A. (2008) Is Actor Network Theory Critique? *Organization Studies* 29(4), pp. 611–629.
- Wilkens, M. (2012) Canons, Close Reading, and the Evolution of Methods, in: M. K. Gold (Ed) *Debates in the digital humanities*, pp. 249–258 (Minneapolis, MN: University of Minnesota Press).
- Willekens, F., Beaulieu, A., Bod, R., van den Bosch, A., Honing, H., de Jong, F., Mandemakers, L., Schomaker, L., and van Zundert, Z. (2010) *Computational Humanities* (Amsterdam: Royal Netherlands Academy of Arts and Sciences). Available at <http://www.mcg.uva.nl/index.html?abstracts/willekens-honing-et-al-2010.html&target> (accessed 27 January 2014).
- Williams, R., and Edge D. (1996) *The Social Shaping of Technology*, *Research*

- Policy* 25(6), pp. 865–899.
- Williams, R., and Pollock, N. (2012) Moving Beyond the Single Site Implementations Study, *Information Systems Research* 23(1), pp. 1 – 22.
- Williford, C., and Henry, C. (2012) *One Culture. Computationally Intensive Research in the Humanities and Social Sciences. A Report on the Experiences of First Respondents to the Digging into Data Challenge* (Washington, DC: Council on Library and Information Resources). Available at <http://www.clir.org/pubs/reports/pub151/pub151.pdf> (accessed 27 January 2014).
- Winner, L. (1980) Do Artifacts Have Politics?, *Daedalus* 109(1), pp. 121–136.
- Wisbey, R.A. (1962) Mechanization in Lexicography, *The Times Literary Supplement* 30 March 1962, repr. in: *Freeing the Mind – Articles and Letters From the Times Literary Supplement, March-June 1962*, pp. 15-18 (London: The Times).
- Wissenschaftsrat (2011) *Empfehlungen zu Forschungsinfrastrukturen in den Geistes- und Sozialwissenschaften* (Berlin: Wissenschaftsrat). Available at <http://www.wissenschaftsrat.de/download/archiv/10465-11.pdf> (accessed 15 July, 2014).
- Woolgar, S. (2002) Five Rules of Virtuality, in: S. Woolgar (Ed) *Virtual society? Technology, Cyberbole, Reality*, pp. 1–22 (Oxford: Oxford University Press).
- Woolgar, S. (Ed.) (1988) *Knowledge and Reflexivity. New Frontiers in the Sociology of Knowledge* (London: Sage).
- WordHoard. (2004–13) *WordHoard: An Application for the Close Reading and Scholarly Analysis of Deeply Tagged Text*. Available at <http://wordhoard.northwestern.edu/userman/index.html> (accessed 29 October 2013).
- Wouters, P. (2006) What Is the Matter with e–Science? Thinking Aloud About Informatisation in Knowledge Creation, *Pantaneto Forum*, 23. Available at <http://www.pantaneto.co.uk/issue23/wouters.htm> (accessed 5 December 2013).
- Wouters, P. (2007) *Conservative Culture or Diverging Identities? Studying Resistance to Technology in Academia*, paper presented at the Third International Conference on e-Social Science: Ann Arbor, Michigan, IL, 7-9 October. Available at

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.100.8644>  
(accessed 20 April 2015).

- Wouters, P., and Beaulieu, A. (2006) Imagining E-Science Beyond Computation, in: C. Hine (Ed) *New Infrastructure for Knowledge Production: Understanding E-Science*, pp. 48–70 (London: Information Science Publishing).
- Wouters, P., Beaulieu, A., Scharnhorst, A., and Wyatt, S. (Eds) (2013) *Virtual Knowledge: Experimenting in the Humanities and the Social Sciences* (Cambridge, MA: The MIT Press).
- Wyatt, S., and Balmer, B. (2007) Home on the Range: Where is the Middle in Science and Technology Studies?, *Science, Technology & Human Values* 32(6), pp. 619–626.
- Wyatt, S., Scharnhorst, A., Beaulieu, A., and Wouters, P. (2013) Introduction to Virtual Knowledge, in: P. Wouters, A. Beaulieu, A. Scharnhorst and S. Wyatt (Eds) *Virtual Knowledge: Experimenting in the Humanities and the Social Sciences*, pp. 1–23 (Cambridge, MA: The MIT Press).
- Zeldenrust, S., and Hagendijk, R. (1985) Book Reviews: R. D. Whitley: The Intellectual and Social Organization of the Sciences: 1984. Oxford: Oxford University Press, 319 pages, *Organization Studies* 6(4), pp. 385–386.
- Žic-Fuchs, M. (2013) Research Infrastructures in the Humanities: the Challenge of 'Visibility' and 'Impact', in: A. Duşa, D. Nelle, G. Stock and G. G. Wagner (Eds) *Facing the Future: European Research Infrastructure for the Humanities and Social Sciences*, pp. 121–133 (Berlin: SCRIVERO). Available at [http://www.akademienunion.de/fileadmin/redaktion/user\\_upload/Publicationen/Tagungsbaende/FACING\\_THE\\_FUTURE.pdf](http://www.akademienunion.de/fileadmin/redaktion/user_upload/Publicationen/Tagungsbaende/FACING_THE_FUTURE.pdf) (accessed 14 July 2014).
- Zorich, D.M. (2008) *A Survey of Digital Humanities Centers in the United States* (Washington, DC: CLIR). Available at <http://www.clir.org/pubs/reports/pub143/contents.html> (accessed 14 July 2014).
- Zuckerman, H., and Merton, R.K. (1971) Patterns of Evaluation in Science: Institutionalization, structure and functions of the referee system, *Minerva* 9(1), pp. 66–100.

Zuiderent-Jerak, T. (2007) Preventing Implementation: Exploring Interventions with Standardization in Healthcare, *Science as Culture* 16(3), pp. 311–329.

Zuiderent-Jerak, T., and Jensen, C.P. (2007) Unpacking 'Intervention' in Science and Technology Studies, *Science as Culture* 16(3), pp. 227-235

### **Interviews cited**

Anonymous personal interview, 10 December 2008, The Hague.

Personal interview with Nieves Baranda, 14 November 2010, Madrid.

Personal interview with Wannie Carstens, 31 October 2008, Antwerp.

Personal interview with Marie-Louise Coolahan, 14 November 2010, Madrid.

Personal interview with Biljana Dojcinovic, 26 January 2012, The Hague.

Personal interview with Elly Kamp, 26 November 2008, The Hague.

Personal interview with Astrid Kulsdom, 13 October 2010, The Hague.

Personal interview with Karina van Dalen–Oskam, 5 October 2008, The Hague.

Personal interview with Suzan van Dijk, 8 November 2011, The Hague.

Personal interview with Gerry van Klinken and Fridus Steijlen, 12 March 2013, Leiden.

Personal interview with Piet Verkruijsse, 10 December 2008, Amsterdam.

Personal interview with Paul Wackers, 15 October 2008, Utrecht.

Personal interview with Henk Wals, 20 October 2008, The Hague.

Skype interview with Tobias Blanke, 4 June 2014.

Skype interview with Mirjam Blümm, 8 May 2014.

Skype interview with Steven Krauwer, 15 May 2014.

Skype interview with Jan Odijk, 4 June 2014.

Skype interview with Laurents Sesink, 21 May 2014.

